NAVAER 16-30URM75-504

# Illustrated Parts Breakdown

# GENERATOR, SWEEP

# AN/URM-75

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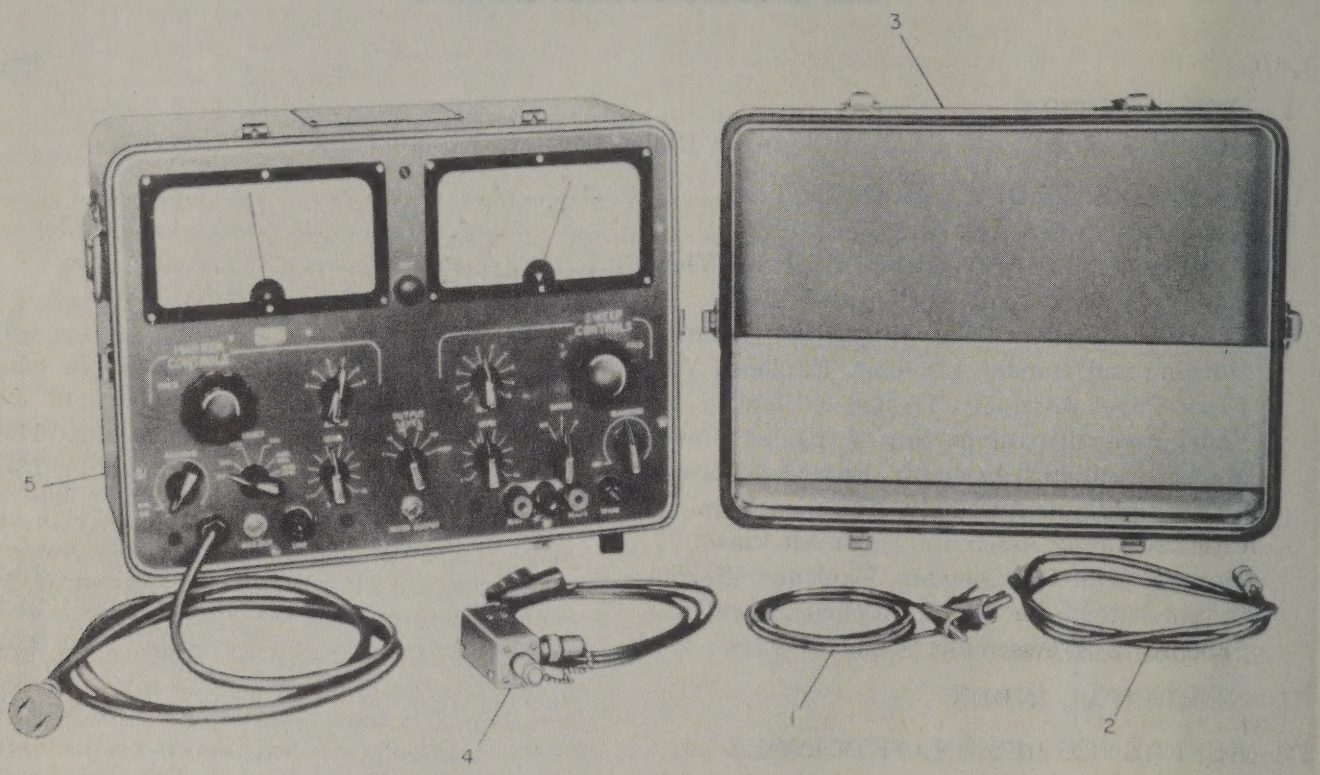


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***Figure 1. Generator, Sweep AN/URM-75, Supplied Under Contract NOas 52-854***

# SECTION I
# INTRODUCTION

## 1-1. PURPOSE AND SCOPE OF BREAKDOWN.

1-2. This Illustrated Parts Breakdown provides information on assemblies, subassemblies, and detail parts of Generator, Sweep AN/URM-75 for identification, requisitioning, issuance of parts, and for illustrating assembly and disassembly relationships which can be used in conjunction with Handbook of Operating Instructions NAVAER 16-30URM75-501, Handbook of Service Instructions NAVAER 16-30URM75-502, and Handbook of Overhaul Instructions NAVAER 16-30URM75-503.

1-3. The Table of Contents lists the four sections of the breakdown, and shows the method of grouping the parts and the sequence of the groups within the Group Assembly Parts List.

1-4. This breakdown is intended for use with Generator, Sweep AN/URM-75 supplied under Contract No. NOas 52-854 and manufactured by Philco Corporation, C and Tioga Streets, Philadelphia, Pa. (See figure 1.)

## 1-5. GROUP ASSEMBLY PARTS LIST.

1-6. GENERAL. The Group Assembly Parts List (Section II) consists of the complete breakdown of the sweep generator. Each assembly listed is followed immediately by its detail parts, properly indented thereunder, to show their relationship to the assembly.

1-7. EXPLANATION OF COLUMN DETAILS.

1-8. FIGURE AND INDEX NUMBERS. The figure and index numbers are numerically arranged in the Group Assembly Parts List, and are used mainly to assist in locating a part in the Group Assembly Parts List after it has been found in the Numerical Index.

1-9. PART NUMBERS. Part numbers are used exclusively, whenever available, to identify parts. All items not carrying a manufacturer's code, or an AN. or a JAN designation or specification, either in the part number column or in parentheses following the nomenclature or description of the item, are Philco Corporation parts. Some of the Philco part numbers listed in Section II are prefixed by a number-letter combination denoting the material of which the part is made; the prefixes are identified as follows:

| | |
|---|---|
| 1W Steel | 12W Phenol fibre |
| 2W Brass | |

In addition, these part numbers have a suffix denoting the material finish, as follows:

| | | | |
|---|---|---|---|
| FA1 | Cadmium | FE5 | Parkerized |
| FA3 | Zinc or cadmium | FE6 | Parkerized with oil |
| FA5 | Tin | FE7 | Black oil finish |
| FA7 | Bright nickel | FE9 | Hot solder coat |
| FA22 | Cadmium | FE29 | Ebonol "Z" black finish |

1-10. DESCRIPTION. The description consists, principally, of a manufacturer's, an AN., or a JAN drawing title to identify each part.

1-11. UNITS PER ASSEMBLY. The quantities listed in the "Units per Assy." column of the Group Assembly Parts List, are, in the case of assemblies, the total quantity used per sweep generator at the location indicated, while the component parts indented under the assemblies are the quantities used per assembly. The quantities specified, therefore, are not necessarily the total used per sweep generator. Refer to the Numerical Index (Section III) for the quantities used per sweep generator.

1-12. USABLE ON CODE. The column headed "Usable on Code" is not used in this basic breakdown, since the parts listed apply to all AN/URM-75 sweep generators. Subsequent production and design changes will be identified as such, by serial number, in future revisions.

## 1-13. NUMERICAL INDEX.

1-14. The Numerical Index (Section III) lists all the identifying part numbers given in the Group Assembly Parts List (Section II).

1-15. The part numbers are listed in accordance with the following numerical part-number filing system:

a. The order of precedence in beginning the part-number arrangement on the extreme left-hand position of the part number is as follows:

Letters A through Z
Numerals 0 through 9

**Note**

Alphabetical O's are considered as numerical zeros.

b. The order of precedence in continuing the

part-number arrangement on the second and succeeding positions of the part number, from left to right, is as follows:

Space (blank column)
Diagonal ( / )
Point ( . )
Dash ( — )
Letters A through Z
Numerals 0 through 9

**Note**

Alphabetical O's are considered as numerical zeros.

1-16. SOURCE CODING.

1-17. Source coding for the assemblies and detail parts of the sweep generator has not been established at the time of publication of this Illustrated Parts Breakdown.

1-18. QUANTITY PER ARTICLE.

1-19. The "Quantity Per Article" column of the Numerical Index lists the total units required for one sweep generator. Where more than one detail part, subassembly, or assembly is covered in the Illustrated Parts Breakdown, the largest total quantity will be shown.

## 1-20. REFERENCE DESIGNATION INDEX.

1-21. The Reference Designation Index (Section IV) lists all reference designations to which reference may be made in photographs, schematics, or diagram in handbooks covering Generator, Sweep AN/URM-75.

1-22. A reference designation consists of one or two capital letters followed by a group of numbers. These combinations are used in order to identify a detail part, subassembly, or assembly with respect to its location in a photograph, schematic, or diagram. Even though an identical part may be used for a similar or different application, each part is assigned a different designation.

## 1-23. EXPLANATION OF TERMS, ABBREVIATIONS, AND SYMBOLS.

1-24. TERMS.

1-25. The term "Ref" indicates that the item is listed for reference purposes only.

1-26. ABBREVIATIONS.

1-27. The abbreviations used in this Illustrated Parts Breakdown are listed in ANA Bulletin No. 261.

1-28. MANUFACTURER'S NAME CODE SYMBOLS.

1-29. Each part supplied by a vendor for use by the prime contractor is identified as to its manufacturer by a code symbol in parentheses following the description of the part in the Group Assembly Parts List. The following is a list of these code symbols, with the name and address of the manufacturers. The list is in accordance with ANA Bulletin 262. The remaining items, those not followed by a vendor's code symbol, are either standard parts (AN. or JAN) or prime contractor's parts. Since the prime contractor in this case is Philco Corporation, and since the largest percentage of items fall under this category, the symbol PH is not used.

| *Code* | *Manufacturer's Name and Address* |
|---|---|
| ACH | AMERICAN CABINET HARDWARE CORP.<br>Rockford, Ill. |
| BUS | BUSSMAN MFG CO.<br>St. Louis, Mo. |
| EBY | H. H. EBY, INC.<br>Philadelphia, Pa. |
| GRIG | GRIGSBY-ALLISON CO. INC.<br>Arlington Heights, Ill. |
| KK | KURZ-KASCH, INC.<br>Dayton, Ohio |
| MAZD | IRON CITY ELECTRIC CO.<br>Mazda<br>Pittsburgh, Pa. |
| MUE | MUELLER ELECTRIC CO.<br>Cleveland, Ohio |
| NLCT | NIELSON TOOL & DIE CO., INC.<br>Hartford, Conn. |
| OAK | OAK MFG CO.<br>Chicago, Ill. |
| PH | PHILCO CORPORATION<br>C and Tioga Streets<br>Philadelphia, Pa. |
| RAD | RADIO CONDENSER CO.<br>Camden, N. J. |
| SH | SHAKEPROOF, INC.<br>Div. Illinois Tool Works<br>Chicago, Ill. |
| SPR | SPRAGUE ELECTRIC CO.<br>North Adams, Mass. |
| TSL | TUNG-SOL LAMP WORKS, INC.<br>Newark, N. J. |
| WKI | WALDES-KOH-I-NOOR, INC.<br>Long Island City, N. Y. |

## 1-30. HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN.

1-31. To permit complete identification of an assembly, subassembly, or detail part by reference designation, part number, or illustration, the procedure in Table 1-1 is recommended.

**TABLE 1-1**
**IDENTIFICATION PROCEDURE**

| *Given* | *To Find* | *Use Applicable Procedure* |
|---|---|---|
| Part Number | Illustration | a. Find part number in Numerical Index.<br>b. Note figure and index number for part in column 4.<br>c. Locate figure in Group Assembly Parts List. |
| | Description | a. Find illustration as indicated above.<br>b. Turn to Group Assembly Parts List for that figure.<br>c. Locate index number in column 1. Description is on same line in column 3. |
| Part | Part Number | a. Locate page number of proper major assembly in Table of Contents.<br>b. The illustration for the major assembly precedes the list of its parts. Locate part on illustration and determine its index number.<br>c. Refer to column 1 in Group Assembly Parts List. Part number appears in column 2. |
| Reference Designation | Part Number<br>Description<br>Illustration | a. Find reference designation in Reference Designation Index. Column 2 gives its figure and index number.<br>b. Locate figure in Group Assembly Parts List.<br>c. Find figure and index number in Group Assembly Parts List in column 1. Part Number appears in column 2 and description in column 3. |

# SECTION II
# GROUP ASSEMBLY PARTS LIST

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 2- | | GENERATOR, SWEEP AN/URM-75 | Ref | |
| -1 | 368-5616 | . COVER AND RETAINER ASSY (See figure 3) | 1 | |
| -2 | 368-5663 | . BOX ASSY, Detector (See figure 4) | 1 | |
| | 76-8101 | . CABLE ASSY | 1 | |
| -3 | 60 | . . CLIP, Alligator (MUE per PH dwg No. 56-4145-1) | 2 | |
| -4 | 76-8100 | . . CONNECTOR, Plug | 1 | |
| -5 | 47 | . . INSULATOR, Black (MUE per PH dwg No. 54-4440) | 1 | |
| -6 | 47 | . . INSULATOR, Red (MUE per PH dwg No. 54-4440-1) | 1 | |
| -7 | 268-6479-1 | . . MARKER, Cable | 1 | |
| | 76-7971 | . CABLE ASSY | 1 | |
| -8 | UG-88/U | . . CONNECTOR, Plug (RE49F246) | 2 | |
| -9 | 268-6479-2 | . . MARKER, Cable | 1 | |
| -10 | 368-5590 | . CHASSIS, TUBE, AND PANEL SUPPORTING ASSY (See figure 5) | 1 | |

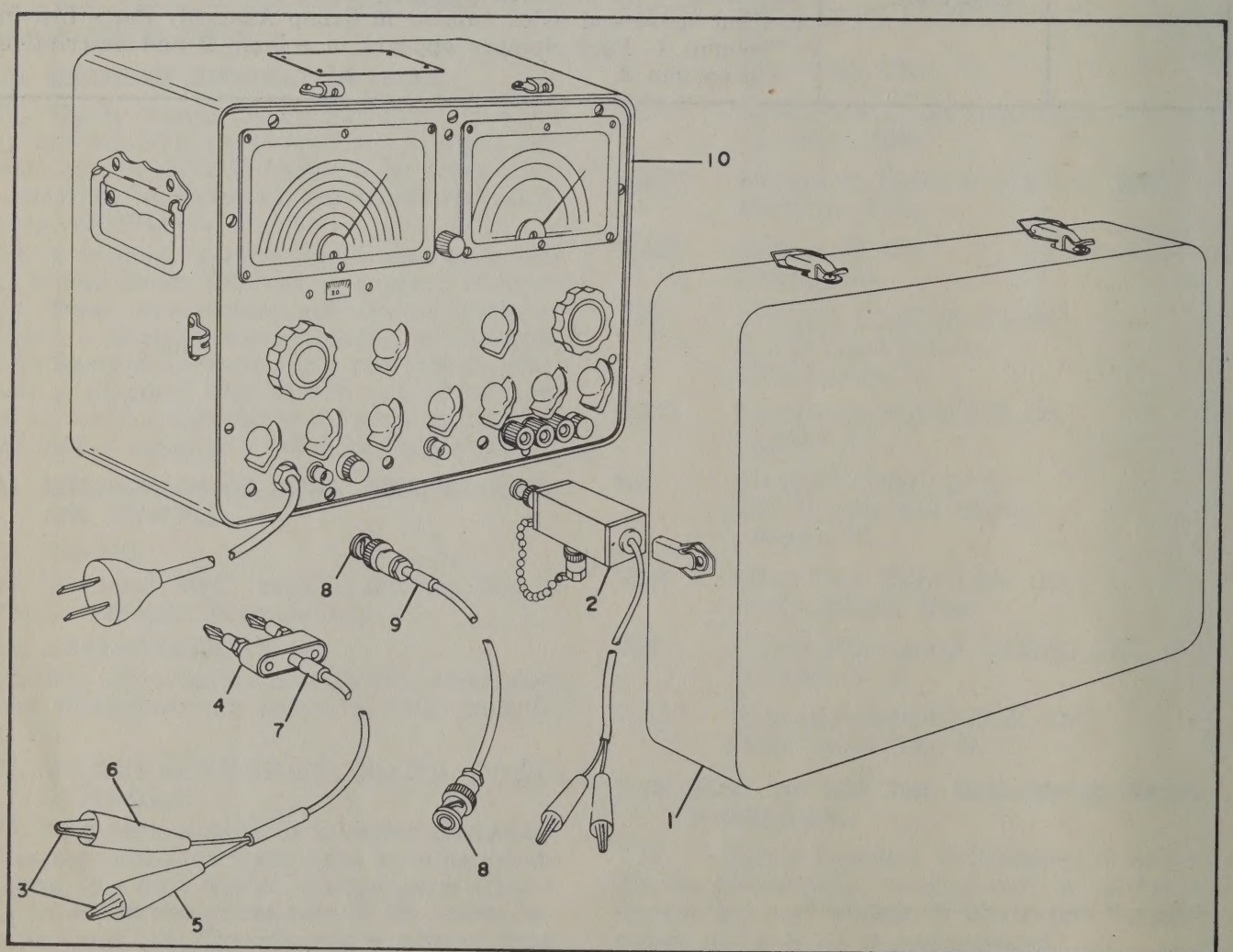


*Figure 2. Generator, Sweep AN/URM-75*

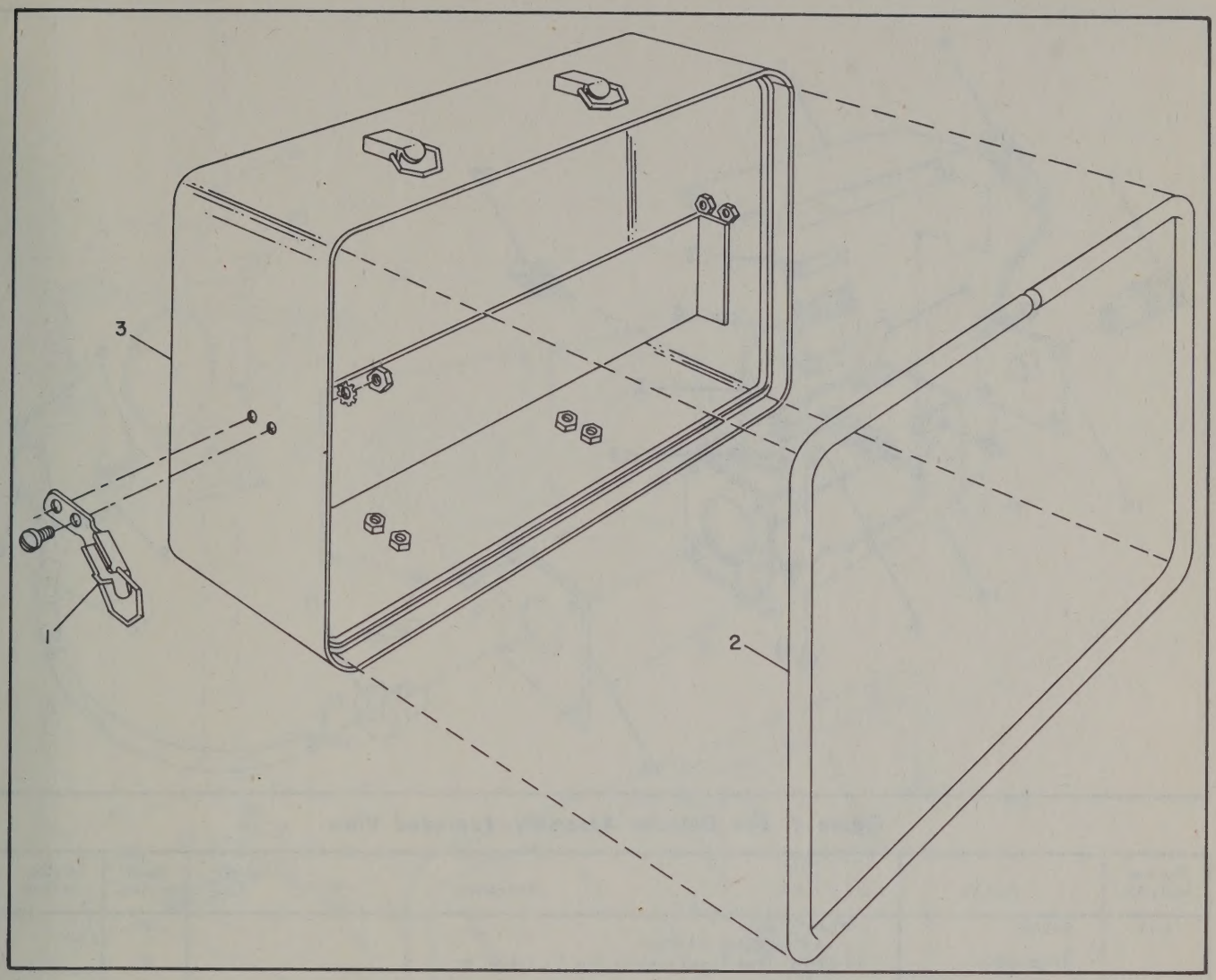


*Figure 3. Cover and Retainer Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 3- | | . COVER AND RETAINER ASSY (See figure 2 item 1 for next higher assy) | Ref | |
| -1 | HC-200 | . . CATCH, Pull down (NLCT per PH dwg No. 76-7902-2) | 6 | |
| | | . . . (ATTACHING PARTS) | | |
| | 1W51116FA7 | . . BOLT, Mach, slot drive, No. 4-40 x 5/16 in. lg | 12 | |
| | 1W24254FE6 | . . WASHER, Lock, external teeth, for No. 4 bolt | 12 | |
| | 1W19982FE29 | . . NUT, Plain, hex, No. 4-40 | 12 | |
| | | . . ----*---- | | |
| -2 | 54-6029 | . . GASKET, Rubber | 1 | |
| -3 | 76-8163 | . . COVER, Splash (symbolized) | 1 | |
| 4- | | . BOX ASSY, Detector (See figure 2 item 2 for next higher assy) | Ref | |
| -1 | 28-9014 | . . COVER | 1 | |
| | | . . . (ATTACHING PARTS) | | |
| | 1W22708FA1 | . . SCREW, Sheet metal, rd hd, cross recessed drive, No. 4-40 x 3/16 in. lg | 4 | |
| | | . . ----*---- | | |
| -2 | RC20BF105K | . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -3 | RC20BF473K | . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -4 | 62-110409011 | . . CAPACITOR, Fixed, ceramic dielectric, 100 $\mu\mu$f $\pm$10%, 500 V dc, insulated | 1 | |
| -5 | 54-6001 | . . CRYSTAL, Rectifying | 1 | |
| -6 | 368-5827 | . . TERMINATION ASSY | 1 | |
| -7 | UG-88/U | . . CONNECTOR, Plug (RE49F246) | 1 | |
| | 76-8101-1 | . . CABLE ASSY | 1 | |
| -8 | 60 | . . . CLIP, Alligator (MUE per PH dwg No. 56-4145-1) | 2 | |
| -9 | 47 | . . . INSULATOR, Black (MUE per PH dwg No. 54-4440) | 1 | |
| -10 | 47 | . . . INSULATOR, Red (MUE per PH dwg No. 54-4440-1) | 1 | |
| -11 | 54-4513-20 | . . BUSHING, Strain key scope lead | 1 | |
| -12 | 268-6476 | . . MARKER, Cable | 1 | |
| -13 | 28-9016 | . . PLATE, Front | 1 | |

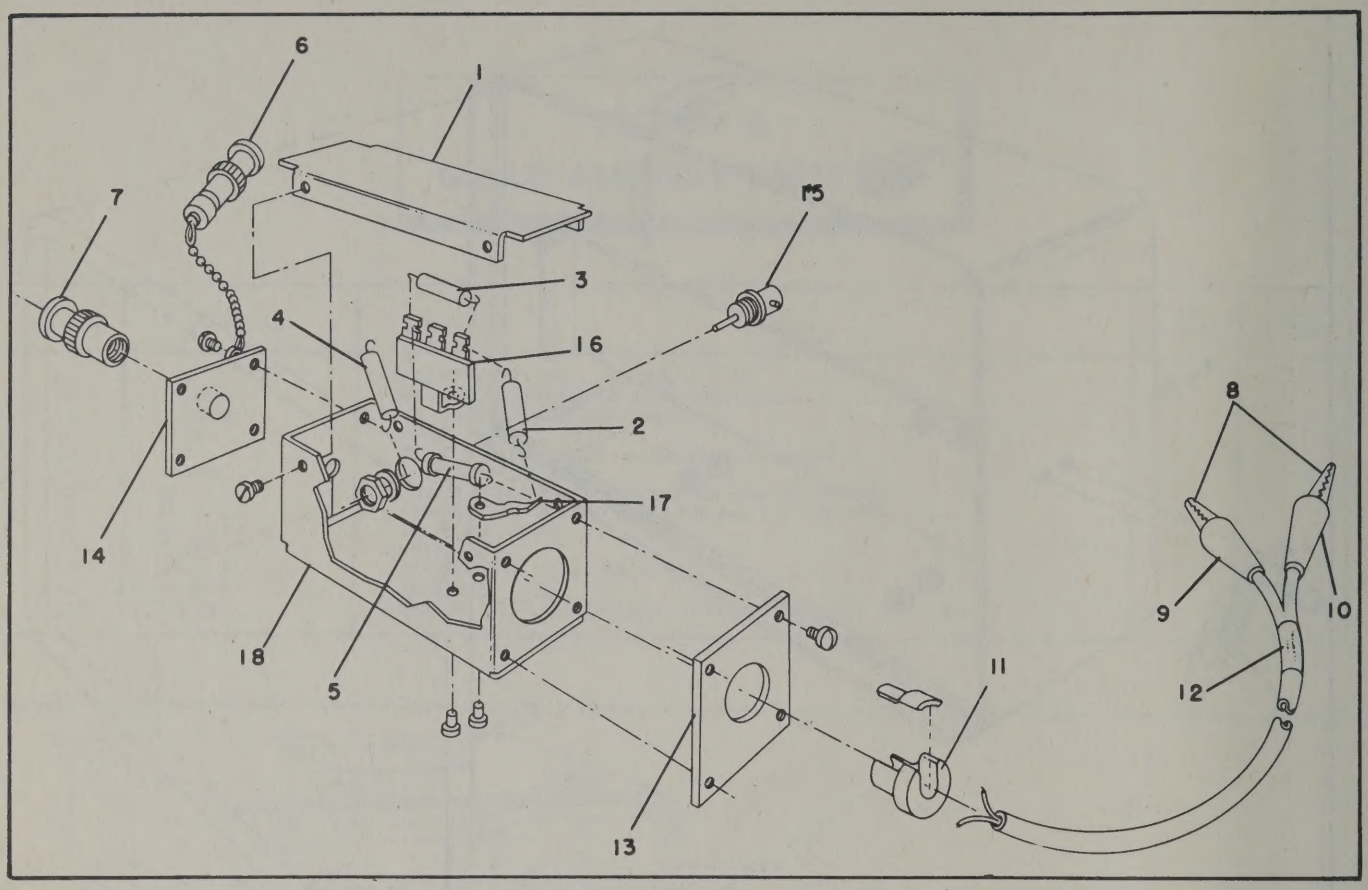


*Figure 4. Box Detector Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 4 14 | 28-9015 | PLATE, Back | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W22708FA1 | SCREW, Type F, self tapping, No. 4 x 1/4 in. lg | 8 | |
| | | *---* | | |
| 15 | UG-625/U | CONNECTOR, Receptacle | 1 | |
| 16 | 12W59162 | PANEL ASSY, Terminal | 1 | |
| 17 | L1486-1FE9 | LUG, Terminal | 1 | |
| 18 | 28-9013 | BOX, Detector | 1 | |
| 5 | | CHASSIS, TUBE, AND PANEL SUPPORTING ASSY (See figure 2 item 10 for next higher assy) | Ref | |
| 1 | 292-3L | KNOB, Black bakelite (KK) | 9 | |
| 2 | S-309-64B | KNOB, Black bakelite (KK) | 2 | |
| 3 | 45-1921-1 | KNOB | 1 | |
| 4 | 54-4513-23 | CLAMP, Electrical | 1 | |
| 5 | 41-3855-2 | CORD, Electrical | 1 | |
| 6 | 368-5595 | HOUSING AND HANDLE ASSY (See figure 6) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W51147FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 6-32 x 3/4 in. lg | 9 | |
| | | *---* | | |
| 7 | 268-6480 | PLATE, Name | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W14464FA22 | BOLT, Mach, rd hd, No. 4-40 x 3/16 in. lg | 4 | |
| | 1W24254FA2 | WASHER, Lock, external teeth, for No. 4 bolt | 4 | |
| | 1W19982FA1 | NUT, Plain, hex, No. 4-40 | 4 | |
| | | *---* | | |
| 8 | 368-5594 | FRONT PANEL ASSY (See figure 7) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W51198FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 8-32 x 1/4 in. lg | 1 | |
| | 1W51212FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 8-32 x 7/16 in. lg | 4 | |
| | 1W24515FE29 | WASHER, Lock, rd, internal teeth, for No. 8 bolt | 4 | |
| | 1W20519FE29 | NUT, Plain, hex, No. 8-32 | 4 | |
| | | *---* | | |
| 9 | 7Z4 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 10 | 6BQ7A | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 11 | 12AU7 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 12 | 6BJ6 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 13 | HKP | HOLDER, Fuse, retainer type (BUS) | 2 | |
| 14 | 45-2656-20 | FUSE, Cartridge, 10 amp | 2 | |

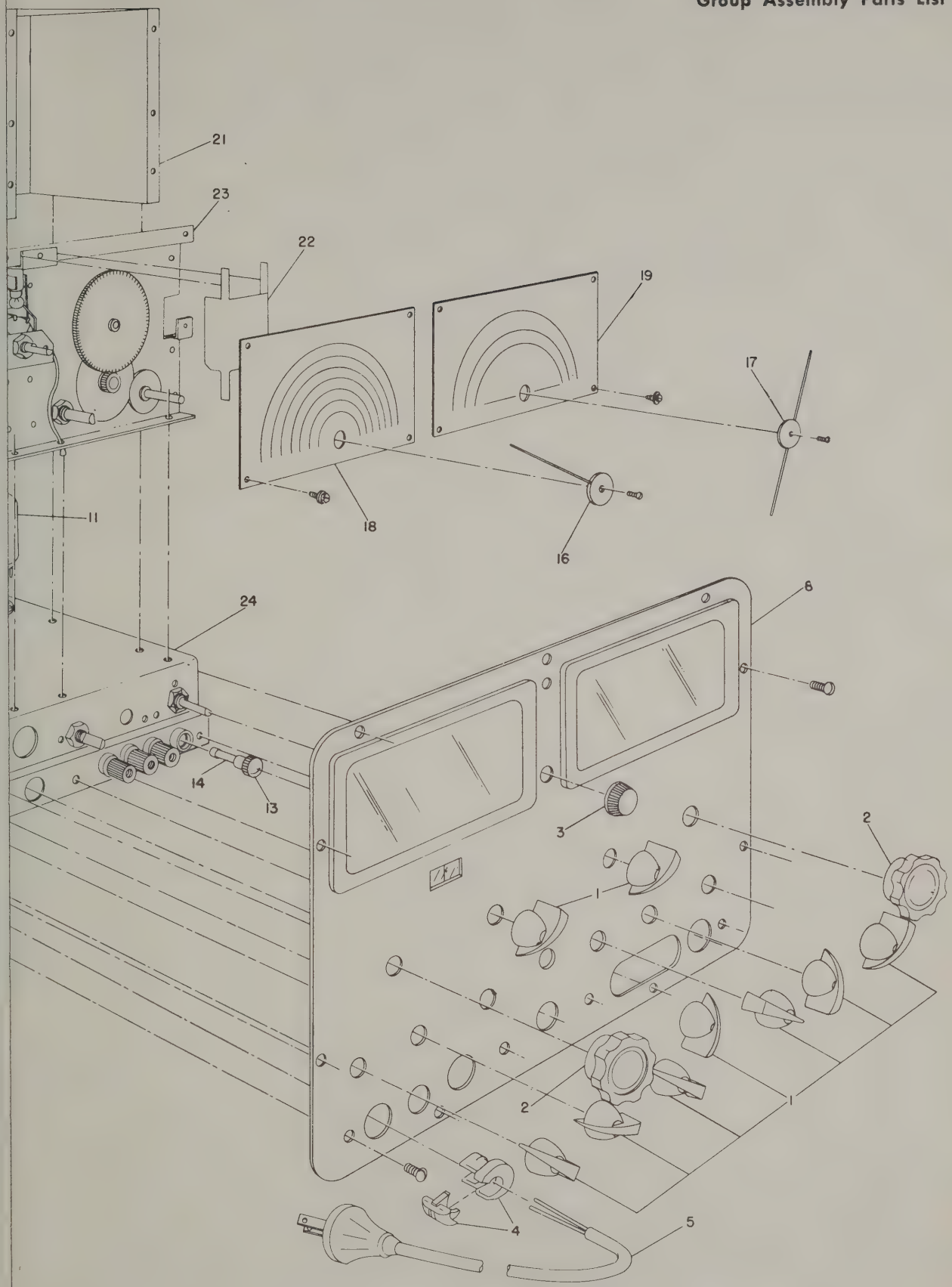


*Figure 5. Chassis, Tube, and Panel Supporting Assembly, Exploded View*

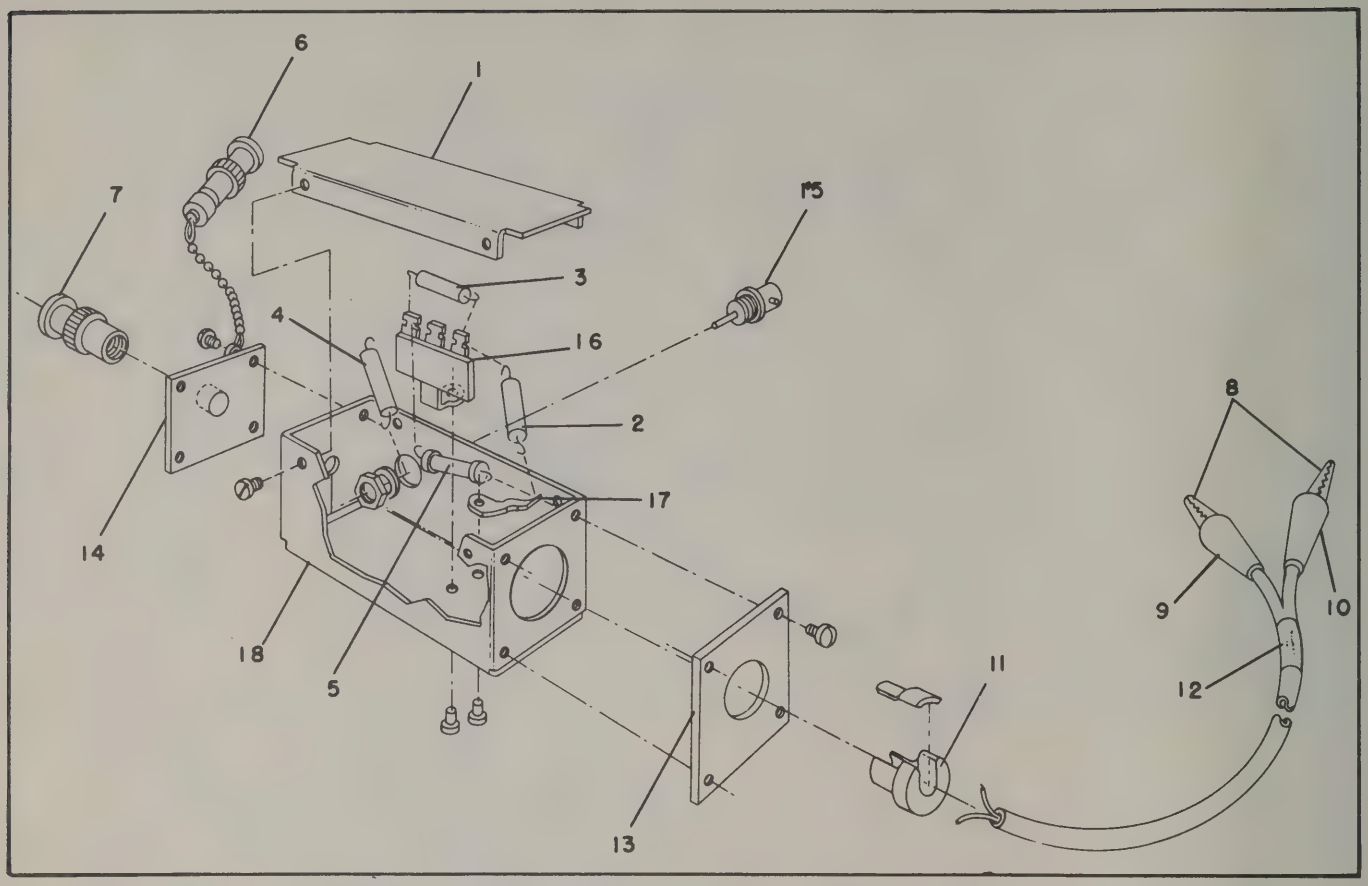


*Figure 4. Box Detector Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 4 14 | 28-9015 | PLATE, Back | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W22708FA1 | SCREW, Type F, self tapping, No. 4 x 1/4 in. lg | 8 | |
| | | ----*---- | | |
| 15 | UG-625/U | CONNECTOR, Receptacle | 1 | |
| 16 | 12W59162 | PANEL ASSY, Terminal | 1 | |
| 17 | L1486-1FE9 | LUG, Terminal | 1 | |
| 18 | 28-9013 | BOX, Detector | 1 | |
| 5 | | CHASSIS, TUBE, AND PANEL SUPPORTING ASSY (See figure 2 item 10 for next higher assy) | Ref | |
| 1 | 292-3L | KNOB, Black bakelite (KK) | 9 | |
| 2 | S-309-64B | KNOB, Black bakelite (KK) | 2 | |
| 3 | 45-1921-1 | KNOB | 1 | |
| 4 | 54-4513-23 | CLAMP, Electrical | 1 | |
| 5 | 41-3855-2 | CORD, Electrical | 1 | |
| 6 | 368-5595 | HOUSING AND HANDLE ASSY (See figure 6) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W51147FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 6-32 x 3/8 in. lg | 9 | |
| | | ----*---- | | |
| 7 | 268-6480 | PLATE, Name | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W14464FA22 | BOLT, Mach, rd hd, No. 4-40 x 3/16 in. lg | 4 | |
| | 1W24254FA2 | WASHER, Lock, external teeth, for No. 4 bolt | 4 | |
| | 1W19982FA1 | NUT, Plain, hex, No. 4-40 | 4 | |
| | | ----*---- | | |
| 8 | 368-5594 | FRONT PANEL ASSY (See figure 7) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W51198FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 8-32 x 1/4 in. lg | 1 | |
| | 1W51212FE29 | BOLT, Mach, truss hd, cross recessed drive, No. 8-32 x 7/16 in. lg | 4 | |
| | 1W24515FE29 | WASHER, Lock, rd, internal teeth, for No. 8 bolt | 4 | |
| | 1W20519FE29 | NUT, Plain, hex, No. 8-32 | 4 | |
| | | ----*---- | | |
| 9 | 7Z4 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 10 | 6BQ7A | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 11 | 12AU7 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 12 | 6BJ6 | ELECTRON TUBE (MIL-E-1B) | 1 | |
| -13 | HKP | HOLDER, Fuse, retainer type (BUS) | 2 | |
| -14 | 45-2656-20 | FUSE, Cartridge, 10 amp | 2 | |

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 5 15 | 34-8025-1 | CRYSTAL UNIT, Quartz, 10 mc | 1 | |
| 16 | 76-7684-1 | POINTER ASSY | 1 | |
| 17 | 76-7684 | POINTER ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10765FE29 | BOLT, Mach, slot drive, straight side binding head, No. 4-40 x 5/16 in. lg | 2 | |
| 18 | 76-7747 | DIAL, Scale (symbolized) | 1 | |
| 19 | 76-7748 | DIAL, Scale (symbolized) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19828FA1 | SCREW, Sheet metal, slotted hex washer hd, No. 8 x 1/4 in. lg | 8 | |
| 20 | 368-6178 | SHIELD, Marker (symbolized) | 1 | |
| 21 | 368-6179 | SHIELD, Sweep (symbolized) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19828FA1 | SCREW, Sheet metal, slotted hex washer hd, No. 8 x 1/4 in. lg | 30 | |
| 22 | 54-8726 | DIFFUSER, Light | 1 | |
| 23 | 368-5592 | PANEL ASSY, Supporting (see figure 8) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19828FA1 | SCREW, Sheet metal, slotted hex washer head, No. 8 x 1/4 in. lg | 3 | |
| 24 | 368-5591 | CHASSIS WIRING ASSY (See figure 11) | 1 | |

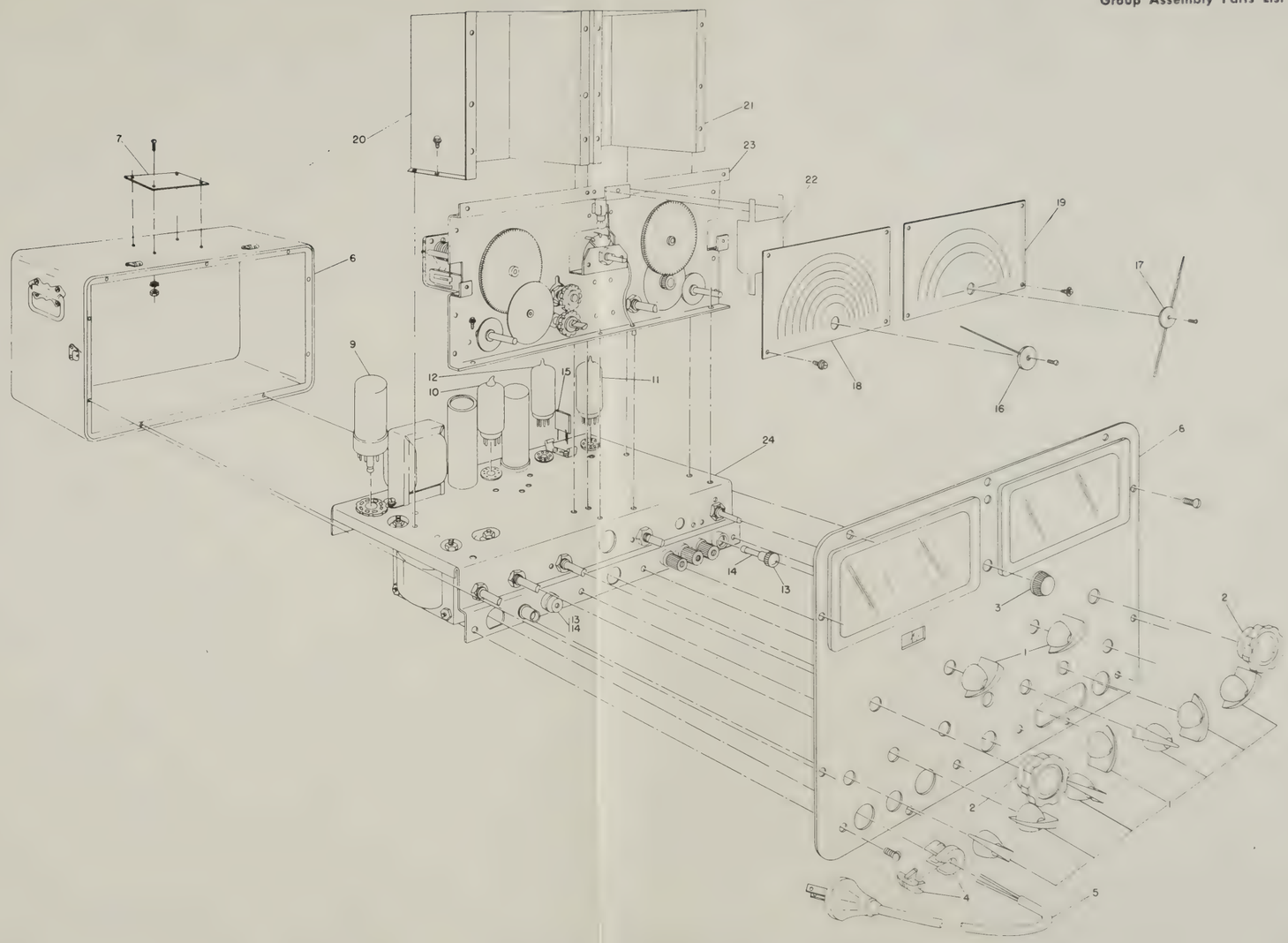


*Figure 5. Chassis, Tube, and Panel Supporting Assembly, Exploded View*

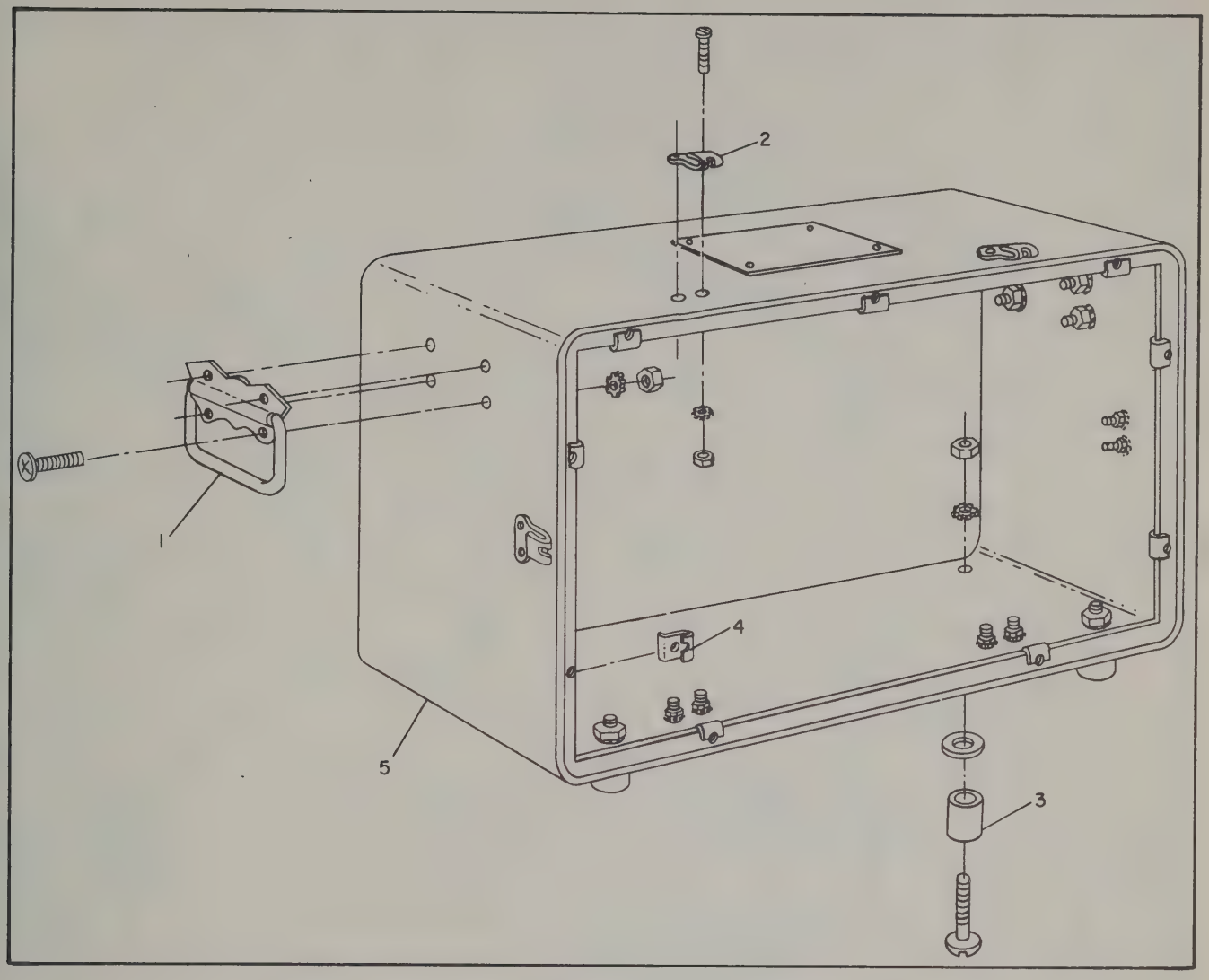


*Figure 6. Housing and Handle Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 6– | | HOUSING AND HANDLE ASSY (See figure 5 item 6 for next higher assy) | Ref | |
| –1 | 20-241 | HANDLE (ACH) | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W51211FA7 | BOLT, Mach, slot drive, cross recessed hd, No. 8-32 x 3/8 in. lg | 8 | |
| | 1W44386FE6 | WASHER, Lock, rd, external teeth, for No. 8 bolt | 8 | |
| | 1W19988FE29 | NUT, Plain, hex, No. 8-32 | 8 | |
| | | ----*---- | | |
| –2 | 76-7902-1 | CATCH, Pull down | 6 | |
| | | (ATTACHING PARTS) | | |
| | 1W51116FA7 | BOLT, Mach, truss hd, No. 4-40 x 5/16 in. lg | 12 | |
| | 1104 | WASHER, Lock, rd, external teeth, for No. 4 bolt (SH) | 12 | |
| | 1W19982FE29 | NUT, Plain, hex, No. 4-40 | 12 | |
| | | ----*---- | | |
| –3 | 54-6004 | FOOT, Rubber, rd | 4 | |
| | | (ATTACHING PARTS) | | |
| | 1W14525FE29 | BOLT, Mach, slot drive, cross recessed hd, No. 8-32 x 3/4 in. lg | 4 | |
| | 1W52218FE29 | WASHER, Flat, for No. 8 bolt | 4 | |
| | 1W44386FE6 | WASHER, Lock, rd, external teeth, for No. 8 bolt | 4 | |
| | 1W19988FE29 | NUT, Plain, hex, No. 8-32 | 4 | |
| | | ----*---- | | |
| –4 | 1W57004FE6 | CLIP, Speed | 9 | |
| –5 | 56-9818 | HOUSING, Gray hammered finish steel | 1 | |

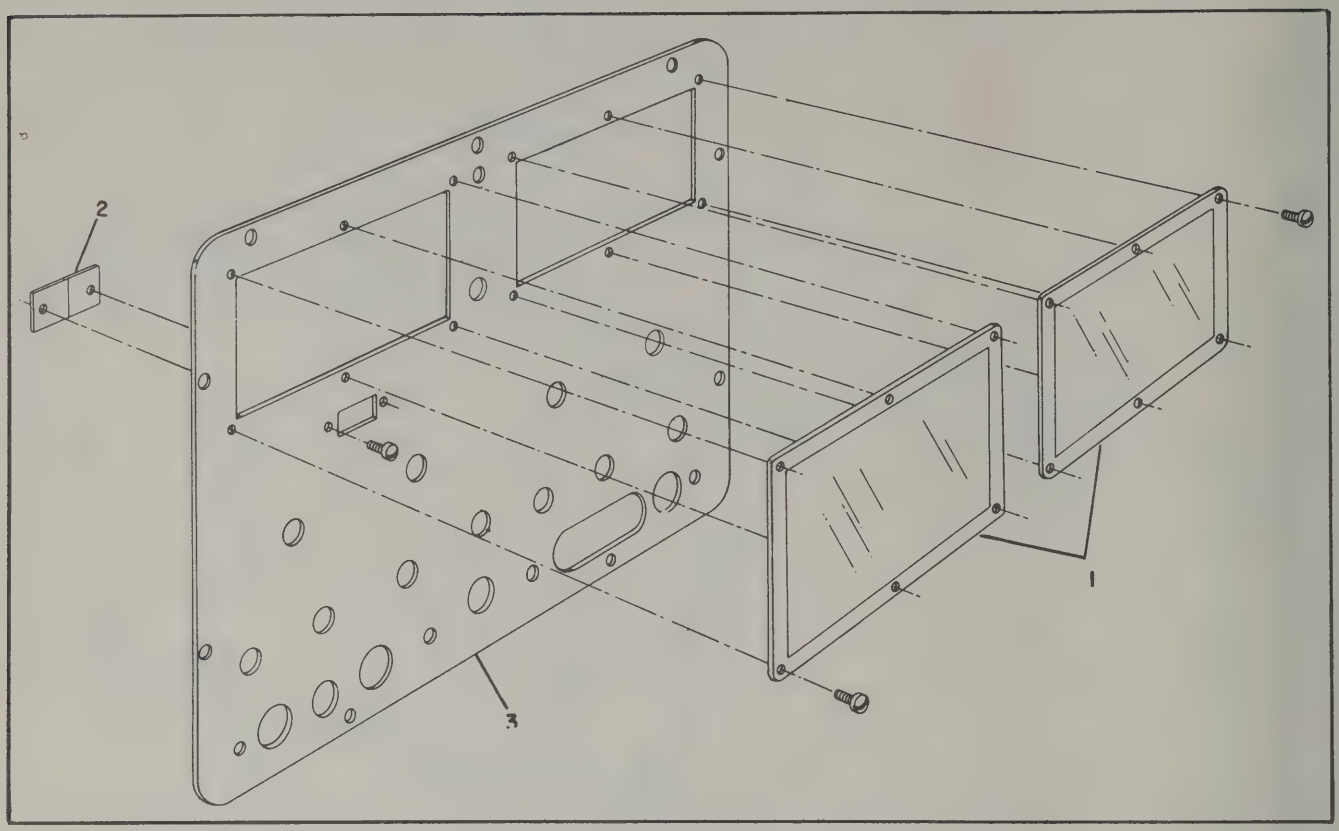


***Figure 7. Front Panel Assembly, Exploded View***

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 7 | | FRONT PANEL ASSY (See figure 5 item 8 for next higher assy) | Ref | |
| 1 | 54-8461 | WINDOW, Light, lucite | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W10741FE29 | BOLT, Mach, slot drive, straight side binding hd, No. 2-56 x 3/16 in. lg | 12 | |
| | | ----*---- | | |
| 2 | 54-8432FCP | WINDOW, Vernier, lucite | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10741FE29 | BOLT, Mach, slot drive, straight side binding hd, No. 2-56 x 3/16 in. lg | 2 | |
| | | ----*---- | | |
| 3 | 76-7883 | PANEL, Front (symbolized) | 1 | |
| 8 | | PANEL ASSY, Supporting (see figure 5 item 23 for next higher assy) | Ref | |
| 1 | 51 | LAMP, Incandescent (TSL or MAZD per PH dwg No. 34-2040) | 1 | |
| 2 | 76-7498 | VERNIER SCALE ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W25842FA1 | BOLT, Set, wrench drive, hex socket headless, No. 4-40 x 1/8 in. lg | 2 | |
| | | ----*---- | | |
| 3 | 76-7692 | MARKER GEAR AND SLEEVE ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W25849FA1 | BOLT, Set, wrench drive, hex socket headless, No. 6-32 x 3/16 in. lg | 2 | |
| | | ----*---- | | |
| 4 | 56-9745-2FA1 | GEAR, Spur | 1 | |
| 5 | 190019 | SPRING, Torsion (RAD per PH dwg No. 56-9824) | 2 | |
| 6 | 76-7691 | MARKER PINION SHAFT ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| | | ----*---- | | |
| 7 | 76-7682 | FRICTION DRIVE SHAFT ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| | 4W56294 | WASHER, Spring tension | 1 | |
| | | ----*---- | | |
| 8 | 56-9740-1 | BUSHING, Brass | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA3 | NUT, Sheet spring, No. 3/8-32 | 1 | |
| | | ----*---- | | |
| 9 | 76-7683 | MARKER BAND GEAR ASSY | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W25849FA1 | BOLT, Set, wrench drive, hex socket headless, No. 6-32 x 3/16 in. lg | 4 | |
| | | ----*---- | | |

| Fig. and Index No. |
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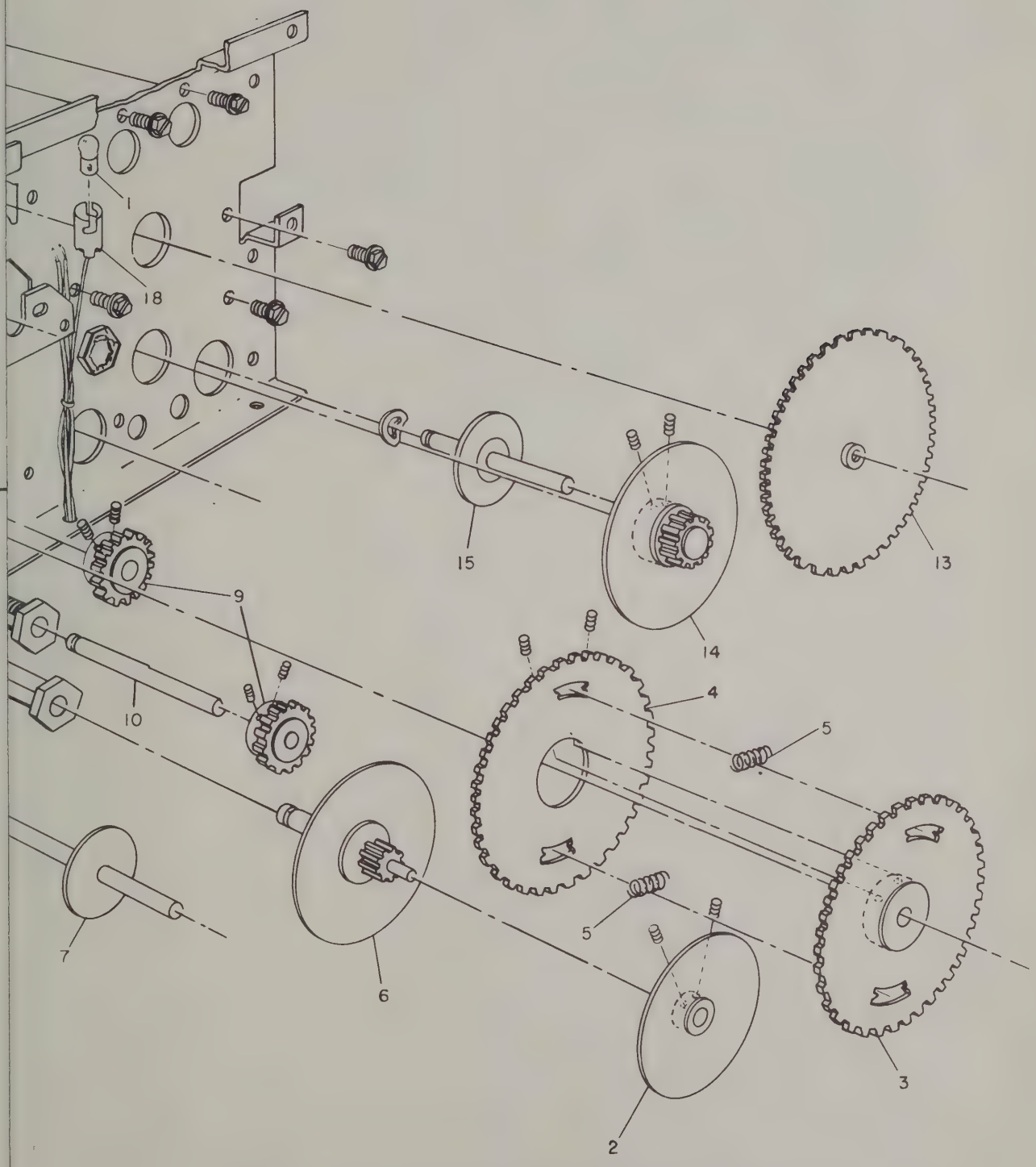


*Figure 8. Panel Assembly, Supporting, Exploded View*

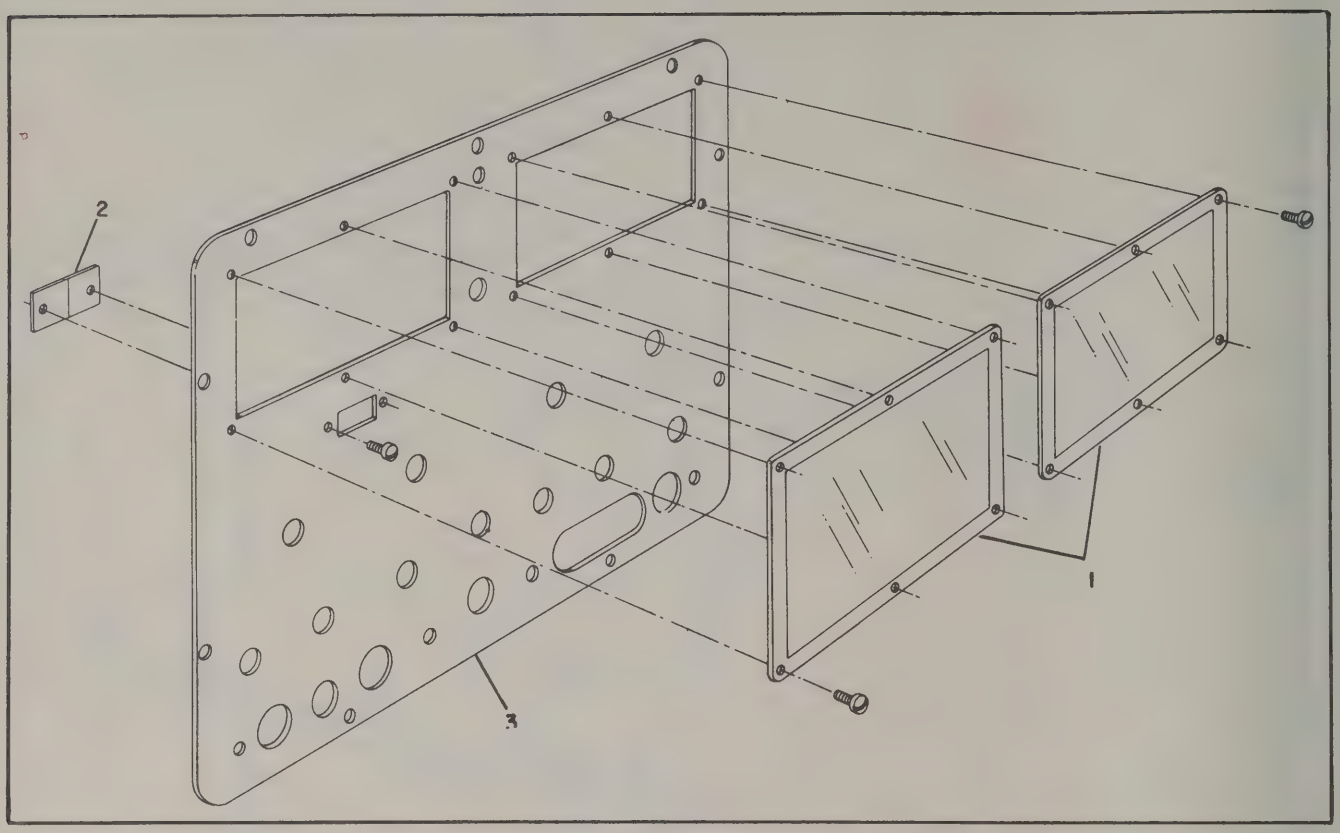


**Figure 7. Front Panel Assembly, Exploded View**

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 7 | | FRONT PANEL ASSY (See figure 5 item 8 for next higher assy) | Ref | |
| 1 | 54-8461 | WINDOW, Light, lucite | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W10741FE29 | BOLT, Mach, slot drive, straight side binding hd, No. 2-56 x 3/16 in. lg | 12 | |
| | | ----*---- | | |
| 2 | 54-8432FCP | WINDOW, Vernier, lucite | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10741FE29 | BOLT, Mach, slot drive, straight side binding hd, No. 2-56 x 3/16 in. lg | 2 | |
| | | ----*---- | | |
| 3 | 76-7883 | PANEL, Front (symbolized) | 1 | |
| 8 | | PANEL ASSY, Supporting (see figure 5 item 23 for next higher assy) | Ref | |
| 1 | 51 | LAMP, Incandescent (TSL or MAZD per PH dwg No. 34-2040) | 1 | |
| 2 | 76-7498 | VERNIER SCALE ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W25842FA1 | BOLT, Set, wrench drive, hex socket headless, No. 4-40 x 1/8 in. lg | 2 | |
| | | ----*---- | | |
| 3 | 76-7692 | MARKER GEAR AND SLEEVE ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W25849FA1 | BOLT, Set, wrench drive, hex socket headless, No. 6-32 x 3/16 in. lg | 2 | |
| | | ----*---- | | |
| 4 | 56-9745-2FA1 | GEAR, Spur | 1 | |
| 5 | 190019 | SPRING, Torsion (RAD per PH dwg No. 56-9824) | 2 | |
| 6 | 76-7691 | MARKER PINION SHAFT ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| | | ----*---- | | |
| 7 | 76-7682 | FRICTION DRIVE SHAFT ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| | 4W56294 | WASHER, Spring tension | 1 | |
| | | ----*---- | | |
| 8 | 56-9740-1 | BUSHING, Brass | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA3 | NUT, Sheet spring, No. 3/8-32 | 1 | |
| | | ----*---- | | |
| 9 | 76-7683 | MARKER BAND GEAR ASSY | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W25849FA1 | BOLT, Set, wrench drive, hex socket headless, No. 6-32 x 3/16 in. lg | 4 | |
| | | ----*---- | | |

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 10 | 56-9734FA3 | SHAFT | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| 11 | 56-9740 | BUSHING, Brass | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA1 | NUT, Sheet spring, No. 8-32 | 2 | |
| 12 | 368-5606 | MARKER-OSCILLATOR ASSY (See figure 9) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19828FA1 | SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 4 | |
| 13 | 76-7693 | SWEEP POINTER SHAFT AND GEAR ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| 14 | 76-7599 | SWEEP TUNER DRIVE HUB ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W26339FA1 | BOLT, Set, hex socket headless, No. 4-40 x 3/16 in. lg | 2 | |
| 15 | 76-7682 | FRICTION DRIVE SHAFT ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W60980FE7 | RING, Retainer, "E" type | 1 | |
| | 4W58294 | WASHER, Spring tension | 1 | |
| 16 | 33-5565-73 | RESISTOR, Variable, composition, 3500 ohms ±30%, ¼ W | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29073FA1 | NUT, Sheet spring, for No. 8-32 bolt | 1 | |
| 17 | L1773-6FE9 | LUG, Terminal | 1 | |
| | 461-3512 | CABLE AND PILOT LIGHT SOCKET ASSY | 1 | |
| 18 | 27-6233-55 | SOCKET ASSY | 1 | |
| 19 | 368-5603 | SWEEP-OSCILLATOR ASSY (See figure 10) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19828FA1 | SCREW, Sheet metal, slotted hex hd, No. 8 x ¼ in. lg | 5 | |
| | 368-5599 | PANEL RIVET ASSY | 1 | |
| 20 | 56-3545-5FA3 | CLIP, Pilot light | 1 | |
| 21 | 56-9747FA3 | CLIP, Panel support | 1 | |
| 22 | 56-9746FA3 | PANEL, Support | 1 | |

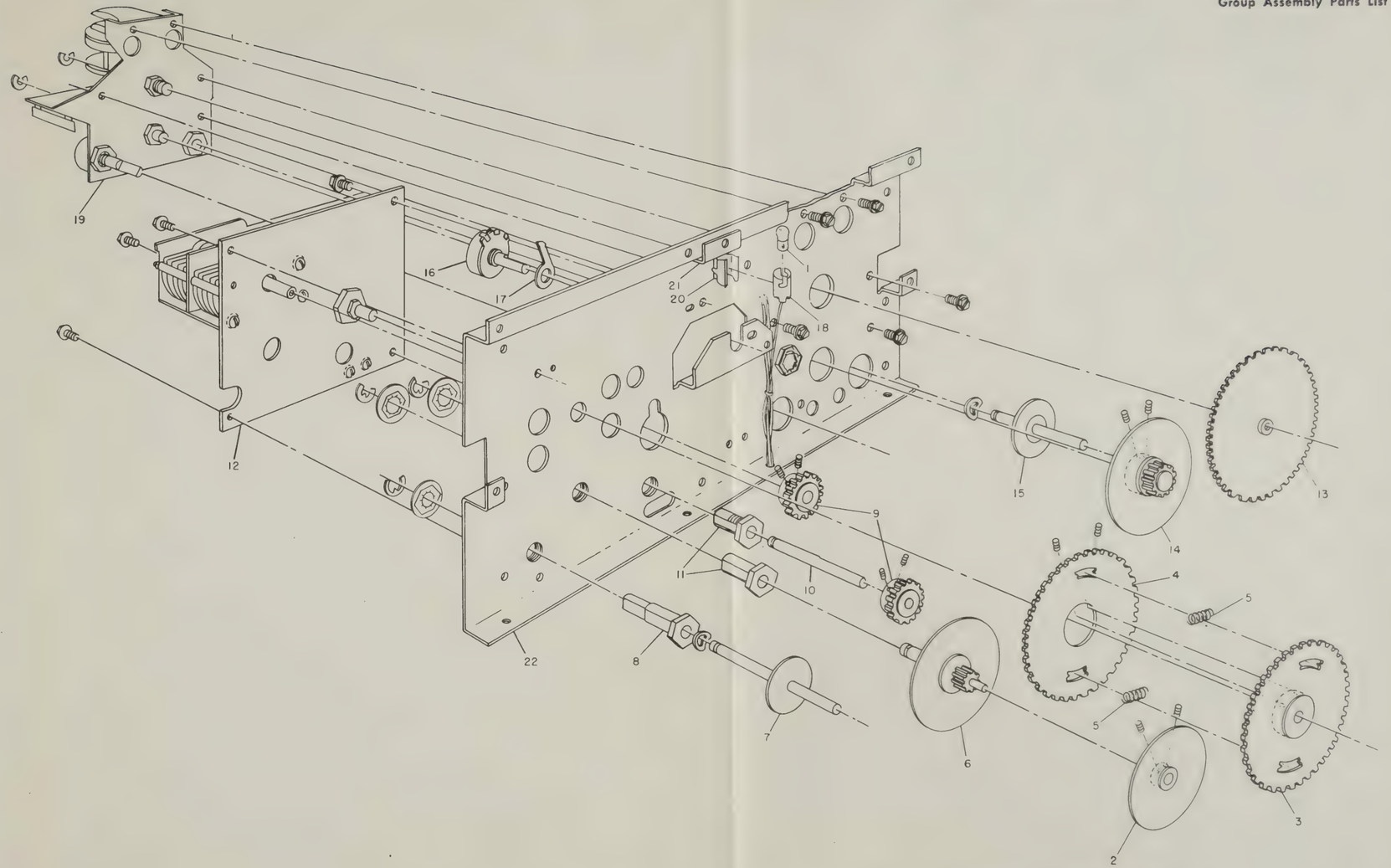


*Figure 8. Panel Assembly, Supporting, Exploded View*

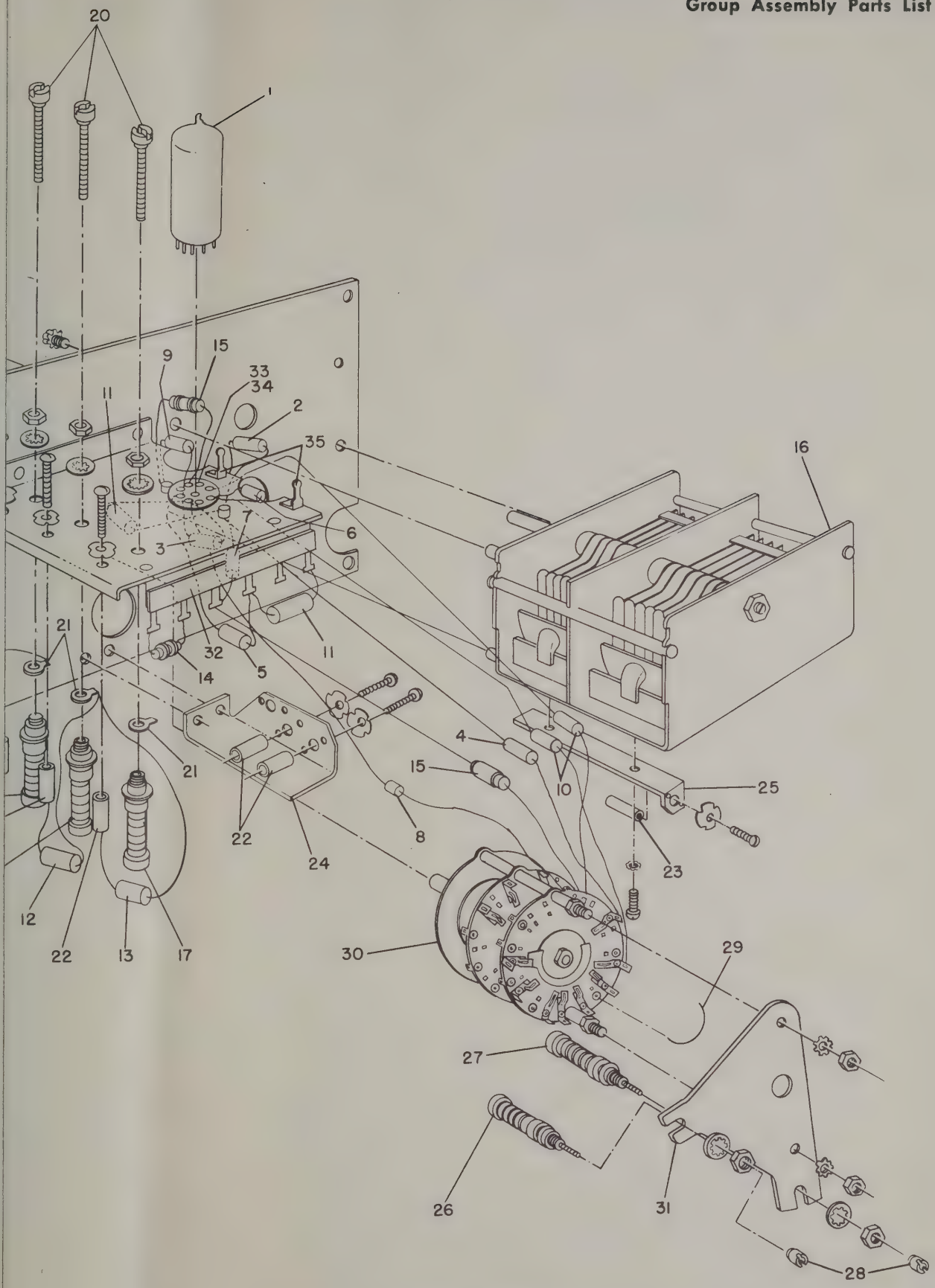


*Figure 9. Marker-Oscillator Assembly, Exploded View*

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 9– | | MARKER-OSCILLATOR ASSY (See figure 8 item 12 for next higher assy) | Ref | |
| -1 | 6BQ7A | ELECTRON TUBE (MIL-E-1B) | 1 | |
| 2 | RC20BF123K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -3 | RC20BF103K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -4 | RC20BF100K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -5 | RC20BF191K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -6 | RC20BF332K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 7 | 62-215001011 | CAPACITOR, Fixed, ceramic dielectric, 1500 μμf ±20%, 300 V dc working | 1 | |
| -8 | 30-1224-103 | CAPACITOR, Fixed, paper dielectric, 3.3 μμf ±0.25 μμf, 500 V dc working | 1 | |
| -9 | 30-4650-28 | CAPACITOR, Fixed, paper dielectric, .047 μf ±20%, 200 V dc working | 1 | |
| -10 | 60-10225420 | CAPACITOR, Fixed mica dielectric, 220 μμf ±10%, 500 V dc working | 2 | |
| -11 | 62-147001011 | CAPACITOR, Fixed, ceramic dielectric, 470 μμf ±20%, 300 V dc working | 2 | |
| -12 | 30-1224-46 | CAPACITOR, Fixed, ceramic dielectric, 8 μμf | 2 | |
| -13 | 30-1224-118 | CAPACITOR, Fixed, ceramic dielectric, 2.5 μμf | 1 | |
| -14 | 32-4264-2 | CHOKE, Filament, 6 μh | 1 | |
| -15 | 32-4566-1 | CHOKE, Filament, 0.63 μh | 2 | |
| -16 | 240 | CAPACITOR, Variable, air dielectric (OAK per PH dwg 31-2769) | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W32198FA3 | BOLT, Mach, hex hd, No. 6-32 x ¼ in. lg incl external teeth lockwasher | 3 | |
| -17 | 32-4564-3 | COIL, Band "C" | 1 | |
| -18 | 32-4564-2 | COIL, Band "B" | 1 | |
| -19 | 32-4564-1 | COIL, Band "A" | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1212 | WASHER, Lock, for No. 12 bolt (SH) | 3 | |
| | 57-1681 | NUT, Hex, No. 12-28 | 3 | |
| -20 | 56-8898 | COUPLING, Slug | 3 | |
| -21 | 2301-14-1 | LUG, Terminal (SH) | 3 | |
| -22 | 31-6520-4 | CAPACITOR, Variable, ceramic dielectric, 2 to 6 μμf, 500 V dc working | 5 | |
| -23 | 31-6520-3 | CAPACITOR, Variable, ceramic dielectric, 0.5 to 3.0 μμf, 500 V dc working | 1 | |
| | | (ATTACHING PARTS) | | |
| | 2W10618 | BOLT, Mach, slotted rd hd, No. 6-32 x ⅜ in. lg | 6 | |
| | W1775-3 | NUT, Sheet spring, for No. 6-32 bolt | 6 | |
| -24 | 28-9243 | BRACKET, Padder mounting | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10610FA3 | BOLT, Mach, rd slot drive hd, No. 6-32 x 3/16 in. lg | 2 | |
| | 1106 | WASHER, Lock, external teeth, for No. 6 bolt (SH) | 2 | |
| -25 | 268-6781 | BRACKET, Padder mounting | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10816FA1 | BOLT, Mach, slotted straight side binding hd, No. 8-32 x 3/16 in. lg | 2 | |
| | 1W24257FA1 | WASHER, Lock, external teeth, for No. 8 bolt | 2 | |
| | 368-5608 | SWITCH AND COIL ASSY, Marker osc | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29073FA3 | NUT, Sheet spring, No. 3/8-32 | 1 | |
| -26 | 32-4564-4 | COIL, Band "D" | 1 | |
| -27 | 32-4564-5 | COIL, Band "E" | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1212 | WASHER, Lock, internal teeth, for No. 12 bolt (SH) | 2 | |
| | 57-1681 | NUT, Hex, No. 12-28 | 2 | |
| -28 | 56-8898 | COUPLING, Slug | 2 | |
| -29 | 362-1190 | COIL, Band "F" | 1 | |
| -30 | 42-1984 | SWITCH, Rotary | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1104 | WASHER, Lock, external teeth, for No. 4 bolt (SH) | 2 | |
| | 1W19982FA3 | NUT, Plain, hex, No. 4-40 | 2 | |
| 31 | 54-8705 | PLATE | 1 | |
| | 368-5607 | MARKER-OSCILLATOR RIVET ASSY | 1 | |
| 32 | 12W59381 | PANEL ASSY, Terminal | 1 | |
| -33 | 27-6203-6 | SOCKET, Electron tube | 1 | |
| -34 | 28-1031FE9 | LUG, Terminal | 2 | |
| 35 | L1486-1FE9 | LUG, Terminal | 2 | |
| -36 | 368-6184 | BRACKET, Marker (symbolized) | 1 | |
| -37 | 56-9135FA3 | PLATE, Marker support | 1 | |

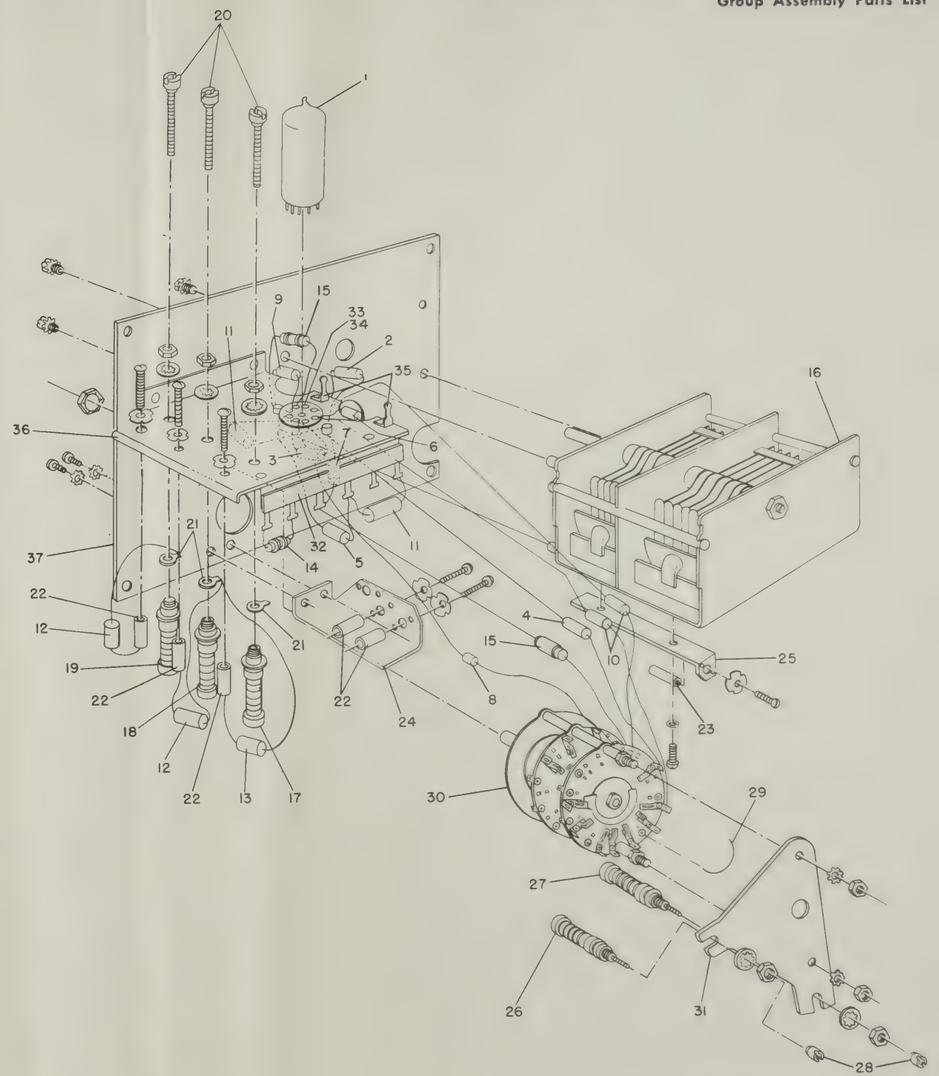


Figure 9. Marker-Oscillator Assembly, Exploded View

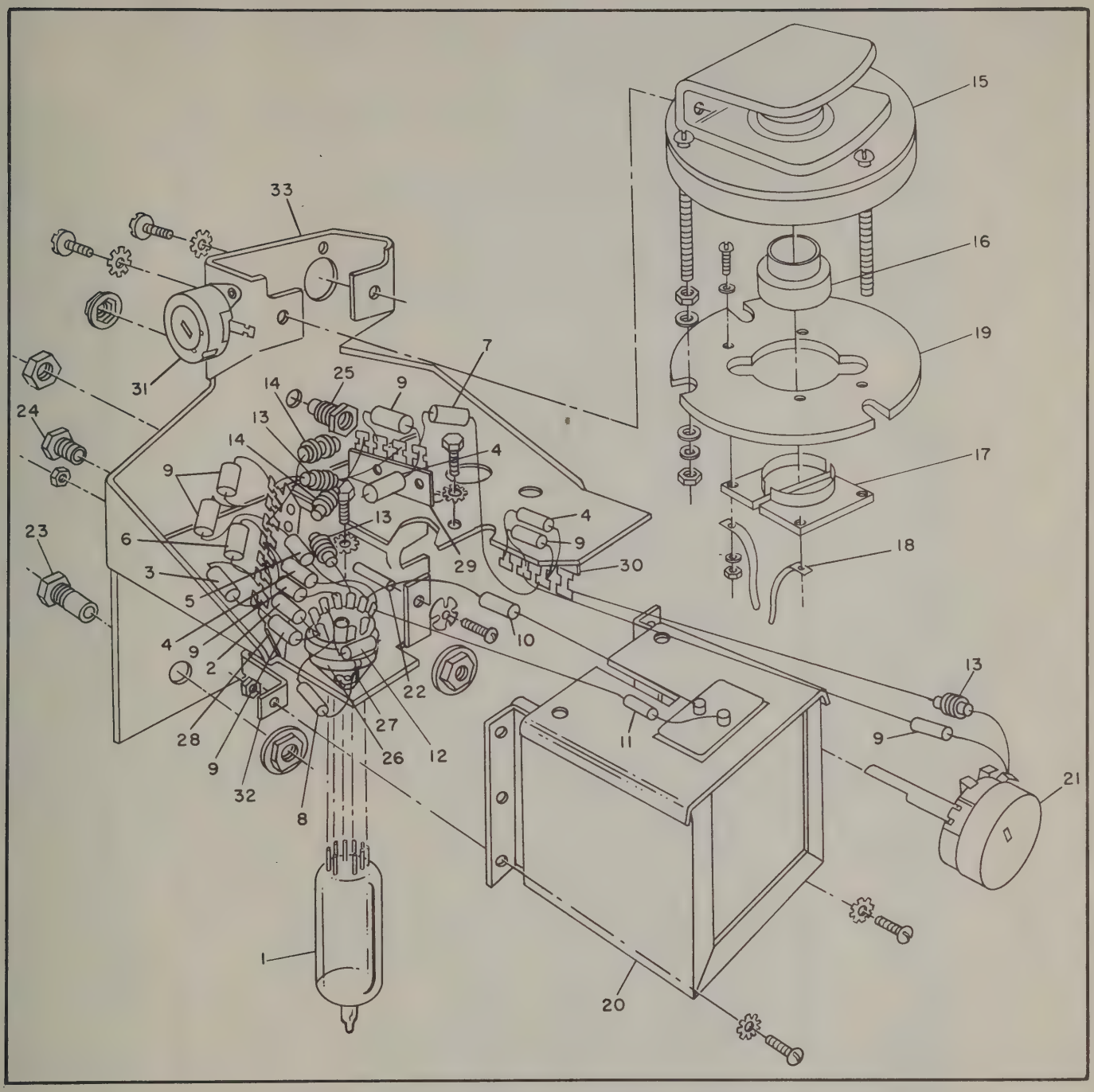


*Figure 10. Sweep-Oscillator Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 10 | | . . . SWEEP-OSCILLATOR ASSY (See figure 8 item 19 for next higher assy) | Ref | |
| -1 | 6BQ7A | . . . . ELECTRON TUBE (MIL-E-1B) | 1 | |
| -2 | RC20BF102K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -3 | RC20BF331K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -4 | RC20BF103K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 3 | |
| -5 | RC20BF682K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -6 | RC20BF473K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -7 | RC20BF823K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -8 | RC20BF221K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -9 | 62-215001011 | . . . . CAPACITOR, Fixed, ceramic dielectric, 1500 $\mu\mu$f $\pm$20%, 300 V dc working | 7 | |
| -10 | 60-10225420 | . . . . CAPACITOR, Fixed, mica dielectric, 220 $\mu\mu$f $\pm$10%, 500 V dc working | 1 | |
| -11 | 60-00475420 | . . . . CAPACITOR, Fixed, mica dielectric, 47 $\mu\mu$f $\pm$10%, 500 V dc working | 1 | |
| -12 | 62-012400011 | . . . . CAPACITOR, Fixed, ceramic dielectric, 12 $\mu\mu$f $\pm$10%, 500 V dc working | 1 | |

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 10–13 | 32-4264-2 | CHOKE, RF, 6 μh | 3 | |
| –14 | 32-4264-7 | CHOKE, 40 μh, B+ filter | 2 | |
| | 368-5605 | SWEEP-MOTOR ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W32273FA3 | BOLT, Mach, hex hd, No. 10-32 x 3/8, incl external teeth lockwasher | 2 | |
| | | ----*---- | | |
| –15 | 76-7746 | MOTOR, Loudspeaker driver | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W24515FA1 | WASHER, Lock, internal teeth, for No. 8 bolt | 3 | |
| | 1W52220FA1 | WASHER, Flat, for No. 8 bolt | 6 | |
| | 1W19988FA1 | NUT, Plain, hex, No. 8-32 | 6 | |
| | | ----*---- | | |
| –16 | 56-9802 | ROTOR, magnesium | 1 | |
| –17 | 56-9801FA22 | STATOR, Plate | 2 | |
| | | (ATTACHING PARTS) | | |
| | 1W10557FA1 | BOLT, Mach, rd hd, slot drive, No. 2-56 x 1/4 in. lg | 4 | |
| | 1202 | WASHER, Lock, internal teeth, for No. 2 bolt (SH) | 8 | |
| | 1W19978FA1 | NUT, Plain, hex, No. 2-56 | 4 | |
| | | ----*---- | | |
| –18 | 56-9570 | STRAP, Connector | 2 | |
| –19 | 54-8427 | SUPPORT, Stator | 1 | |
| –20 | 76-7750 | TUNING COIL ASSY | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10580FA3 | BOLT, Mach, rd hd, slot drive, No. 4-40 x 5/16 in. lg | 2 | |
| | 1W24254FA1 | WASHER, Lock, external teeth, for No. 4 screw | 2 | |
| | 1W19982FA3 | NUT, Plain, hex, No. 4-40 | 2 | |
| | 1W61067FA3 | BOLT, Mach, hex hd, No. 8-32 x 1/4, incl external teeth lockwasher | 2 | |
| | | ----*---- | | |
| –21 | 33-5546-48 | RESISTOR, Variable, 25 ohms ±10% | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29073FA1 | NUT, Sheet spring, for No. 3/8-32 bolt | 1 | |
| | | ----*---- | | |
| –22 | 31-6520-2 | CAPACITOR, Variable, ceramic dielectric, 2 to 6 μμf, 500 V dc working | 1 | |
| | | (ATTACHING PARTS) | | |
| | 2W10618 | BOLT, Mach, rd hd, slot drive, No. 6-32 x 3/4 in. lg | 1 | |
| | W1775-3 | NUT, Sheet spring inverted type, for No. 6-32 bolt | 1 | |
| | | ----*---- | | |
| –23 | 56-9689 | BUSHING | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA1 | NUT, Sheet spring, for No. 3/8-32 bolt | 1 | |
| | | ----*---- | | |
| –24 | 56-9740-2 | BUSHING | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA1 | NUT, Sheet spring, for No. 3/8-32 bolt | 1 | |
| | | ----*---- | | |
| –25 | 56-9740-3 | BUSHING | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29091FA1 | NUT, Sheet, spring, for No. 3/8-32 bolt | 1 | |
| | | ----*---- | | |
| | 368-5604 | SWEEP BRACKET RIVET ASSY | 1 | |
| –26 | 27-6203-6 | SOCKET, ELECTRON TUBE | 1 | |
| –27 | 28-1031FE9 | LUG, Terminal | 2 | |
| –28 | 12W29943 | PANEL ASSY, Terminal | 1 | |
| –29 | 12W29917 | PANEL ASSY, Terminal | 1 | |
| –30 | 12W61137 | PANEL ASSY, Terminal | 1 | |
| –31 | 67-0025-5 | RESISTOR, Variable, 30 ohms ±20% | 1 | |
| –32 | 56-9688 | SUPPORT, Tuner | 1 | |
| –33 | 368-6181 | BRACKET, Sweep | 1 | |
| 11– | | CHASSIS WIRING ASSY (See figure 5 item 24 for next higher assy) | Ref | |
| –1 | 56-5629-3FA3 | SHIELD, Electron tube | 2 | |
| –2 | 6BQ7A | ELECTRON TUBE (MIL-E-1B) | 2 | |
| –3 | 1N34 | CRYSTAL, Rectifying (MIL-E-1B) | 2 | |
| –4 | RC20BF105K | RESISTOR, Fixed, composition (JAN-R-11) | 3 | |
| –5 | 33-1335-11 | RESISTOR, Fixed, wire wound, 1000 ohms ±10%, 5 W | 1 | |
| –6 | RC42BF271K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –7 | RC20BF103K | RESISTOR, Fixed, composition (JAN-R-11) | 3 | |
| –8 | RC20BF472K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| –9 | RC20BF102K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| –10 | RC42BF183K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –11 | RC20BF104K | RESISTOR, Fixed, composition (JAN-R-11) | 3 | |
| –12 | RC20BF274K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –13 | RC20BF273K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –14 | RC20BF223K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| –15 | RC20BF123K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –16 | RC20BF471K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –17 | RC20BF683K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –18 | RC20BF563K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –19 | 33-1335-22 | RESISTOR, Fixed, wire wound, 1200 ohms ±10%, 5 W | 1 | |
| –20 | 33-1335-120 | RESISTOR, Fixed, wire wound | 1 | |
| –21 | 62-215001011 | CAPACITOR, Fixed, ceramic dielectric, 1500 μμf ±20%, 300 V dc working | 10 | |
| –22 | 62-147001011 | CAPACITOR, Fixed, ceramic dielectric, 470 μμf ±20%, 300 V dc working | 1 | |
| –23 | 62-022300011 | CAPACITOR, Fixed, ceramic dielectric, 22 μμf ±5%, 500 V dc working | 1 | |
| –24 | 30-1224-8 | CAPACITOR, Fixed, ceramic dielectric, 7.5 μμf ±0.5 μμf, 500 V dc working | 1 | |
| –25 | 30-1224-78 | CAPACITOR, Fixed, ceramic dielectric, 5 μμf ±0.25 μμf, 500 V dc working | 1 | |
| –26 | 30-4650-56 | CAPACITOR, Fixed, paper dielectric, 4700 μμf ±10%, 600 V dc working | 2 | |
| –27 | 30-4650-41 | CAPACITOR, Fixed, paper dielectric, 10,000 μμf ±20%, 400 V dc working | 1 | |
| –28 | 30-4650-34 | CAPACITOR, Fixed, paper dielectric, 470,000 μμf ±20%, 200 V dc working | 1 | |

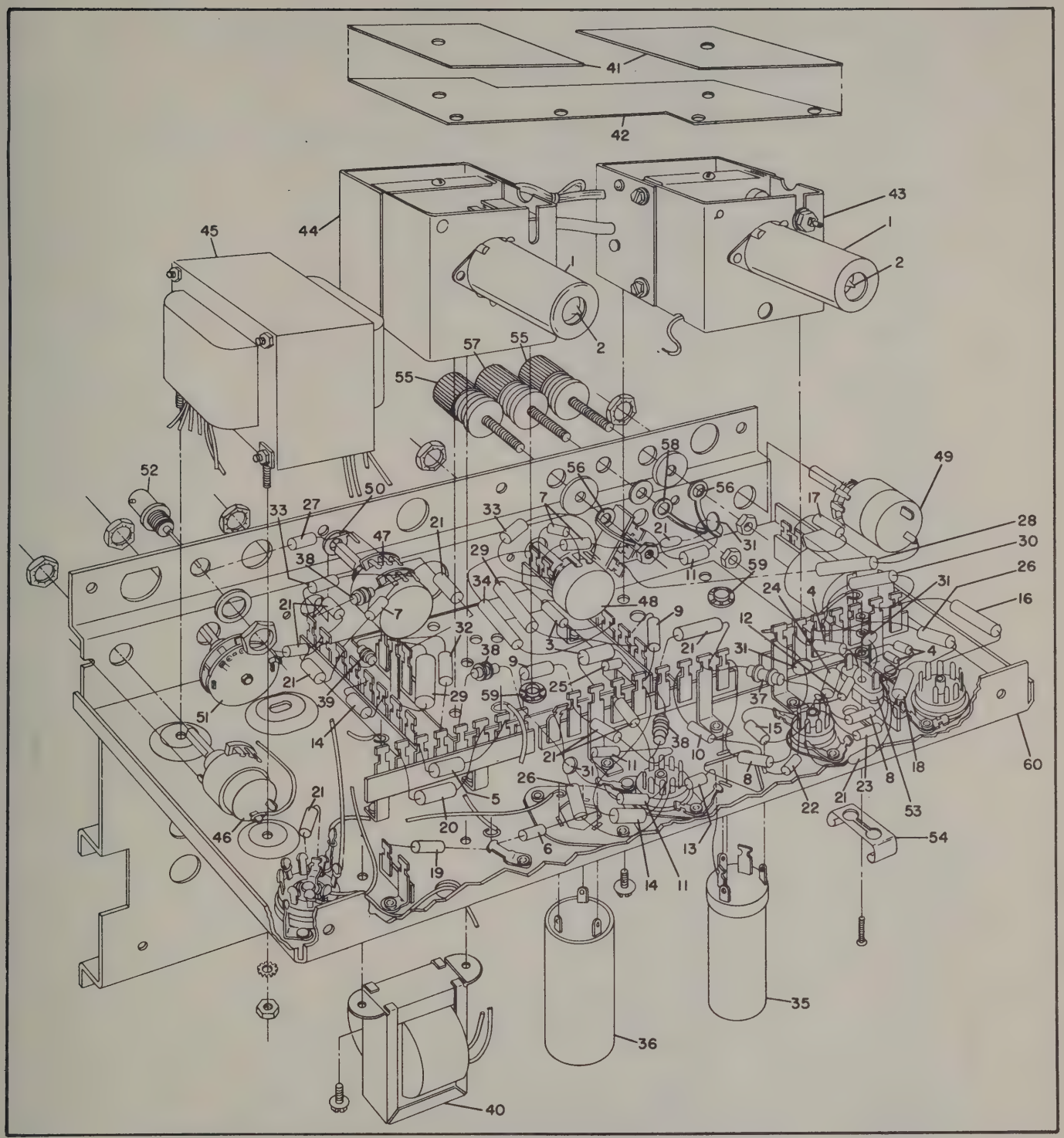


*Figure 11. Chassis Wiring Assembly, Exploded View*

| *Fig. and Index No.* | *Part No.* | 1 2 3 4 5 6 7 *Description* | *Units per Assy.* | *Usable on Code* |
|---|---|---|---|---|
| 11-29 | 61-0317 | . . . CAPACITOR, Fixed, paper dielectric, 500,000 $\mu\mu$f +30 −70%, 100 V dc working | 2 | |
| −30 | 30-1226-26 | . . . CAPACITOR, Fixed, paper dielectric, 30,000 $\mu\mu$f ±10%, 400 V dc working | 1 | |
| −31 | 30-1238-6 | . . . CAPACITOR, Fixed, ceramic dielectric, 10,000 $\mu\mu$f +80 −20%, 500 V dc working | 4 | |
| −32 | 61-0112 | . . . CAPACITOR, Fixed, paper dielectric, 250,000 $\mu\mu$f +30 −10%, 100 V dc working | 1 | |
| −33 | 30-2417-29 | . . . CAPACITOR, Fixed, paper dielectric, 5 $\mu$f +150 −10%, 50 V dc working | 2 | |
| −34 | 30-2417-30 | . . . CAPACITOR, Fixed, paper dielectric, 25 $\mu$f +150 −10%, 50 V dc working | 1 | |
| −35 | 61-0086-6 | . . . CAPACITOR, Fixed, electrolytic, dual section, 10 $\mu$f and 20 $\mu$f, 350 V dc working | 1 | |

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 11–36 | 30-2568-19 | . . . CAPACITOR, Fixed, electrolytic, 30 μf +250 −10%, 475 V dc working | 1 | |
| –37 | 32-4264-4 | . . . CHOKE, 600 μh | 1 | |
| –38 | 32-4264-8 | . . . CHOKE, 25 μh | 3 | |
| –39 | 32-4264-2 | . . . CHOKE, 6 μh | 1 | |
| –40 | 32-8613 | . . . CHOKE | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 2 | |
| | | . . . . ----*---- | | |
| –41 | 56-9127FA3 | . . . COVER, Shield can | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 2 | |
| | | . . . . ----*---- | | |
| –42 | 268-6490 | . . . PLATE, Grounding cover | 1 | |
| –43 | 368-5597 | . . . SWEEP-CONVERTER ASSY (See figure 12) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 5 | |
| | | . . . . ----*---- | | |
| –44 | 368-5598 | . . . OUTPUT-ATTENUATOR MIXER (See figure 13) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 3 | |
| | | . . . . ----*---- | | |
| –45 | 32-8581 | . . . TRANSFORMER, Power | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W24258FA1 | . . . WASHER, Lock, external teeth, for No. 10 bolt | 3 | |
| | 1W19990FA3 | . . . NUT, Plain, hex, No. 10-24 | 3 | |
| | | . . . . ----*---- | | |
| –46 | 33-5566-42 | . . . RESISTOR, Variable, 50k | 1 | |
| –47 | 33-5550-14 | . . . RESISTOR, Variable, dual section, 3k, 25k | 1 | |
| –48 | 33-5565-47 | . . . RESISTOR, Variable 25k | 1 | |
| –49 | 33-5566-54 | . . . RESISTOR, Variable 50k | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . NUT, Sheet spring, No. 3⁄8-32 | 4 | |
| | | . . . . ----*---- | | |
| –50 | L1773-6FE9 | . . . LUG, Terminal | 1 | |
| –51 | 4M-LW | . . . SWITCH, Rotary (GRIG per PH dwg 42-1981) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . NUT, Sheet spring, No. 3⁄8-32 | 1 | |
| | | . . . . ----*---- | | |
| 52 | UG-625/U | . . . CONNECTOR, Receptacle | 1 | |
| –53 | 8879 | . . . SOCKET, Crystal (EBY per PH dwg 54-4532) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W10583FA3 | . . . BOLT, Mach, rd slot drive hd, No. 4-40 x ½ in. lg | 1 | |
| | 27-4109-6 | . . . WASHER, Insulator | 1 | |
| | 1104 | . . . WASHER, Lock, external teeth, for No. 4 bolt (SH) | 1 | |
| | 1W19982FA3 | . . . NUT, Plain, hex, No. 4-40 | 1 | |
| | | . . . . ----*---- | | |
| –54 | 56-9629 | . . . CLIP, Electrical | 1 | |
| –55 | 9738-17-1 | . . . POST, Binding, red (EBY per PH dwg 76-7917-1) | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W54315 | . . . WASHER, Insulating | 2 | |
| | 1W20506FA1 | . . . NUT, Plain, hex, No. 8-32 | 2 | |
| | | . . . . ----*---- | | |
| –56 | L1907FE9 | . . . LUG, Terminal | 2 | |
| –57 | 9738-17 | . . . POST, Binding, black (EBY per PH dwg 76-7917) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W52346FA1 | . . . WASHER, Insulating | 1 | |
| | 1W20506FA1 | . . . NUT, Plain, hex, No. 8-32 | 1 | |
| | | . . . . ----*---- | | |
| –58 | L1907FE9 | . . . LUG, Terminal | 1 | |
| –59 | 27-9437 | . . . INSULATOR, Bushing | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 5105-25 | . . . RING, Retainer (WKI) | 2 | |
| | | . . . . ----*---- | | |
| –60 | 368-5596 | . . . SUBBASE RIVET ASSY (See figure 14) | 1 | |
| 12– | | . . . SWEEP-CONVERTER ASSY (See figure 11 item 43 for next higher assy) | Ref | |
| | 368-5600 | . . . . SWITCH SECTION RIVET ASSY | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 4 | |
| | | . . . . ----*---- | | |
| –1 | 76-6601-3 | . . . . PANEL ASSY, Terminal | 1 | |
| –2 | 56-9973FA3 | . . . . SECTION, Shield can | 1 | |
| –3 | RC20BF333K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| –4 | 62-110009021 | . . . . CAPACITOR, Fixed, ceramic dielectric, 100 μμf ±20%, 500 V dc working | 1 | |
| –5 | 62-215001011 | . . . . CAPACITOR, Fixed, ceramic dielectric, 1500 μμf ±20%, 300 V dc working | 3 | |
| –6 | 62-015300221 | . . . . CAPACITOR, Fixed, ceramic dielectric, 15 μμf ±5%, 500 V dc working | 1 | |
| –7 | 32-4061-3 | . . . . CHOKE, 4 μh | 1 | |
| –8 | 32-4247-2 | . . . . CHOKE, 1.35 μh, low "Q", wound on 3.3k resistor which is symbolized R52 | 1 | |
| –9 | 32-4566 | . . . . CHOKE, 0.46 μh | 1 | |
| –10 | 42-1983 | . . . . SWITCH, Rotary | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . . NUT, Sheet spring, No. 3⁄8-32 | 1 | |
| | | . . . . ----*---- | | |
| –11 | 56-9167FA1 | . . . . PARTITION | 1 | |
| –12 | 32-4564 | . . . . COIL, Oscillator | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1212 | . . . . WASHER, Lock, internal teeth, for No. 12 bolt (SH) | 1 | |

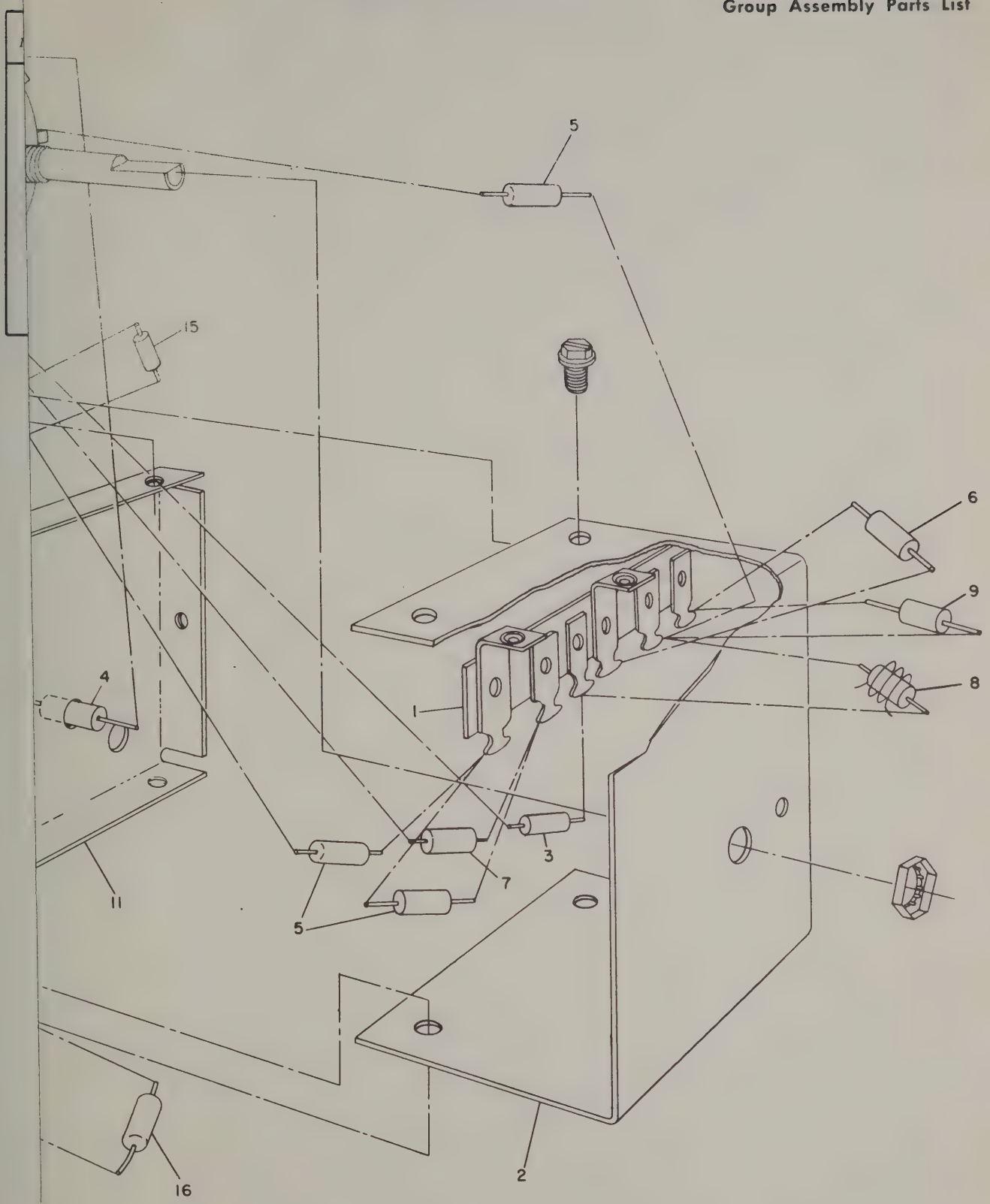


*Figure 12. Sweep-Converter Assembly, Exploded View*

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 11-36 | 30-2568-19 | . . . CAPACITOR, Fixed, electrolytic, 30 μf +250 −10%, 475 V dc working | 1 | |
| -37 | 32-4264-4 | . . . CHOKE, 600 μh | 1 | |
| -38 | 32-4264-8 | . . . CHOKE, 25 μh | 3 | |
| -39 | 32-4264-2 | . . . CHOKE, 6 μh | 1 | |
| -40 | 32-8613 | . . . CHOKE | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 2 | |
| | | . . . ----*---- | | |
| -41 | 56-9127FA3 | . . . COVER, Shield can | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 2 | |
| | | . . . ----*---- | | |
| -42 | 268-6490 | . . . PLATE, Grounding cover | 1 | |
| -43 | 368-5597 | . . . SWEEP-CONVERTER ASSY (See figure 12) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 5 | |
| | | . . . ----*---- | | |
| -44 | 368-5598 | . . . OUTPUT-ATTENUATOR MIXER (See figure 13) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 3 | |
| | | . . . ----*---- | | |
| -45 | 32-8581 | . . . TRANSFORMER, Power | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W24258FA1 | . . . WASHER, Lock, external teeth, for No. 10 bolt | 3 | |
| | 1W19990FA3 | . . . NUT, Plain, hex, No. 10-24 | 3 | |
| | | . . . ----*---- | | |
| -46 | 33-5566-42 | . . . RESISTOR, Variable, 50k | 1 | |
| -47 | 33-5550-14 | . . . RESISTOR, Variable, dual section, 3k, 25k | 1 | |
| -48 | 33-5565-47 | . . . RESISTOR, Variable 25k | 1 | |
| -49 | 33-5566-54 | . . . RESISTOR, Variable 50k | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . NUT, Sheet spring, No. 3⁄8-32 | 4 | |
| | | . . . ----*---- | | |
| -50 | L1773-6FE9 | . . . LUG, Terminal | 1 | |
| -51 | 4M-LW | . . . SWITCH, Rotary (GRIG per PH dwg 42-1981) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . NUT, Sheet spring, No. 3⁄8-32 | 1 | |
| | | . . . ----*---- | | |
| -52 | UG-625/U | . . . CONNECTOR, Receptacle | 1 | |
| -53 | 8879 | . . . SOCKET, Crystal (EBY per PH dwg 54-4532) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W10583FA3 | . . . BOLT, Mach, rd slot drive hd, No. 4-40 x ½ in. lg | 1 | |
| | 27-4109-6 | . . . WASHER, Insulator | 1 | |
| | 1104 | . . . WASHER, Lock, external teeth, for No. 4 bolt (SH) | 1 | |
| | 1W19982FA3 | . . . NUT, Plain, hex, No. 4-40 | 1 | |
| | | . . . ----*---- | | |
| -54 | 56-9629 | . . . CLIP, Electrical | 1 | |
| -55 | 9738-17-1 | . . . POST, Binding, red (EBY per PH dwg 76-7917-1) | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W54315 | . . . WASHER, Insulating | 2 | |
| | 1W20506FA1 | . . . NUT, Plain, hex, No. 8-32 | 2 | |
| | | . . . ----*---- | | |
| -56 | L1907FE9 | . . . LUG, Terminal | 2 | |
| -57 | 9738-17 | . . . POST, Binding, black (EBY per PH dwg 76-7917) | 1 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 1W52346FA1 | . . . WASHER, Insulating | 1 | |
| | 1W20506FA1 | . . . NUT, Plain, hex, No. 8-32 | 1 | |
| | | . . . ----*---- | | |
| -58 | L1907FE9 | . . . LUG, Terminal | 1 | |
| -59 | 27-9437 | . . . INSULATOR, Bushing | 2 | |
| | | . . . . (ATTACHING PARTS) | | |
| | 5105-25 | . . . RING, Retainer (WKI) | 2 | |
| | | . . . ----*---- | | |
| -60 | 368-5596 | . . . SUBBASE RIVET ASSY (See figure 14) | 1 | |
| 12- | | . . . SWEEP-CONVERTER ASSY (See figure 11 item 43 for next higher assy) | Ref | |
| | 368-5600 | . . . . SWITCH SECTION RIVET ASSY | 1 | |
| | | . . . . . (ATTACHING PARTS) | | |
| | 1W19828FA1 | . . . . SCREW, Sheet metal, slotted hex washer hd, No. 8 x ¼ in. lg | 4 | |
| | | . . . . ----*---- | | |
| -1 | 76-6601-3 | . . . . . PANEL ASSY, Terminal | 1 | |
| -2 | 56-9973FA3 | . . . . . SECTION, Shield can | 1 | |
| -3 | RC20BF333K | . . . . RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| -4 | 62-110009021 | . . . . CAPACITOR, Fixed, ceramic dielectric, 100 μμf ±20%, 500 V dc working | 1 | |
| -5 | 62-215001011 | . . . . CAPACITOR, Fixed, ceramic dielectric, 1500 μμf ±20%, 300 V dc working | 3 | |
| -6 | 62-015300221 | . . . . CAPACITOR, Fixed, ceramic dielectric, 15 μμf ±5%, 500 V dc working | 1 | |
| -7 | 32-4061-3 | . . . . CHOKE, 4 μh | 1 | |
| -8 | 32-4247-2 | . . . . CHOKE, 1.35 μh, low "Q", wound on 3.3k resistor which is symbolized R52 | 1 | |
| -9 | 32-4566 | . . . . CHOKE, 0.46 μh | 1 | |
| -10 | 42-1983 | . . . . SWITCH, Rotary | 1 | |
| | | . . . . . (ATTACHING PARTS) | | |
| | 1W29073FA3 | . . . . NUT, Sheet spring, No. 3⁄8-32 | 1 | |
| | | . . . . ----*---- | | |
| -11 | 56-9167FA1 | . . . . PARTITION | 1 | |
| -12 | 32-4564 | . . . . COIL, Oscillator | 1 | |
| | | . . . . . (ATTACHING PARTS) | | |
| | 1212 | . . . . WASHER, Lock, internal teeth, for No. 12 bolt (SH) | 1 | |

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 12 12 | 57-1681 | NUT, Plain, hex, No. 12-28 | 1 | |
| 13 | RC20BF103K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| -14 | RC20BF561K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 15 | RC20HF223K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 16 | 62-036300221 | CAPACITOR, Fixed, ceramic dielectric, 36 $\mu\mu$f $\pm$5%, 500 V dc working | 1 | |
| 17 | CM15C221K | CAPACITOR, Fixed, mica dielectric (MIL-C-5a) | 2 | |
| 18 | 62-215001011 | CAPACITOR, Fixed, ceramic dielectric, 1500 $\mu\mu$f $\pm$20%, 300 V dc working | 2 | |
| 19 | 62-147001011 | CAPACITOR, Fixed, ceramic dielectric, 470 $\mu\mu$f $\pm$20%, 300 V dc working | 1 | |
| -20 | 30-1224-82 | CAPACITOR, Fixed, ceramic dielectric, 1.0 $\mu\mu$f $\pm$0.10 $\mu\mu$f, 500 V dc working | 1 | |
| 21 | 32-4264-6 | CHOKE, 2.5 $\mu$h | 1 | |
| | 368-5601 | TUBE SECTION RIVET ASSY, Converter | 1 | |
| 2 | 27-6203-6 | SOCKET, Electron tube | 1 | |
| 23 | 56-5628-1FA3 | BASE, Tube shield | 1 | |
| 24 | 28-1031FE9 | LUG, Terminal | 2 | |
| 25 | 12W61279 | PANEL ASSY, Terminal | 1 | |
| 26 | 368-6183 | SECTION, Shield can (symbolized) | 1 | |

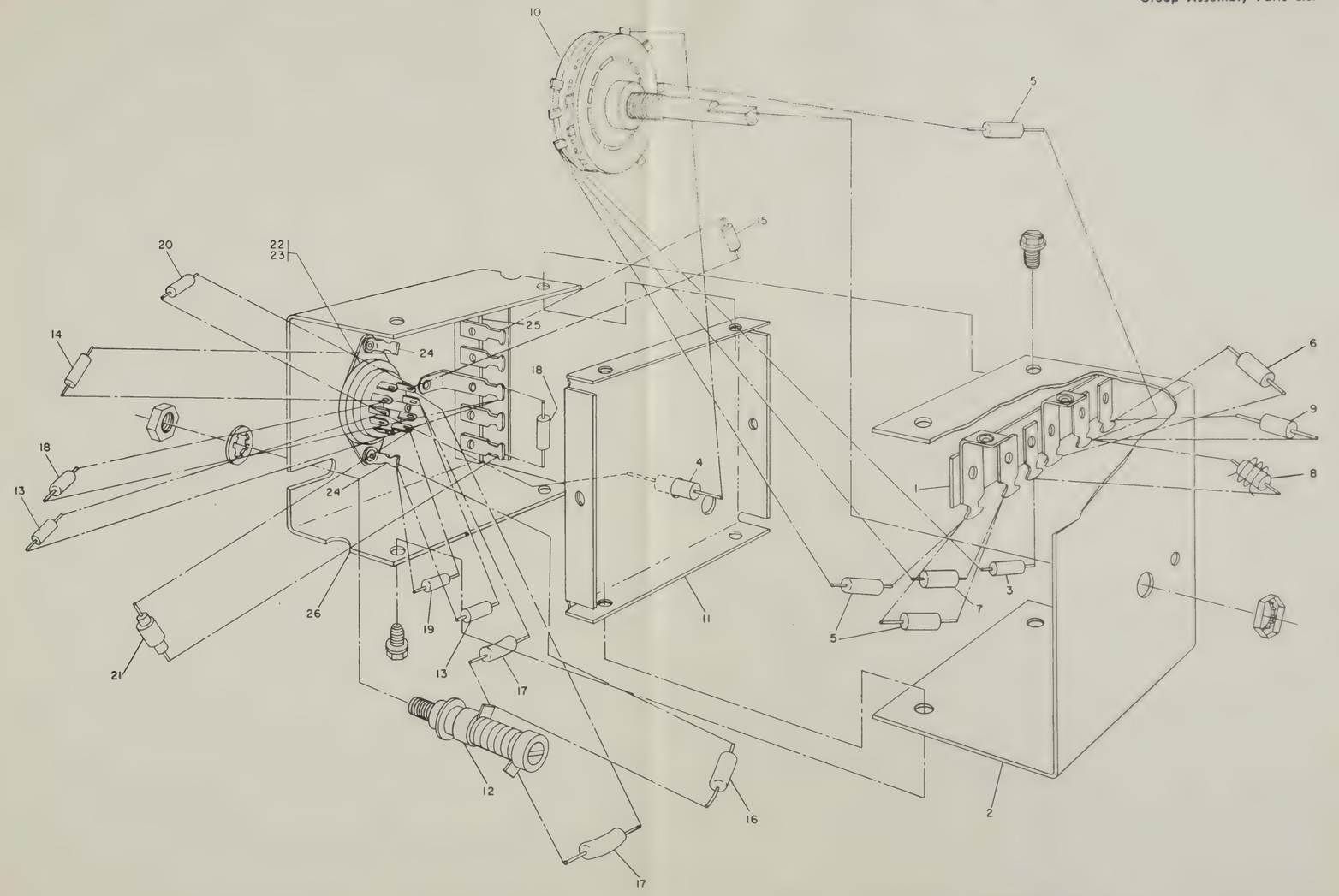


*Figure 12. Sweep-Converter Assembly, Exploded View*

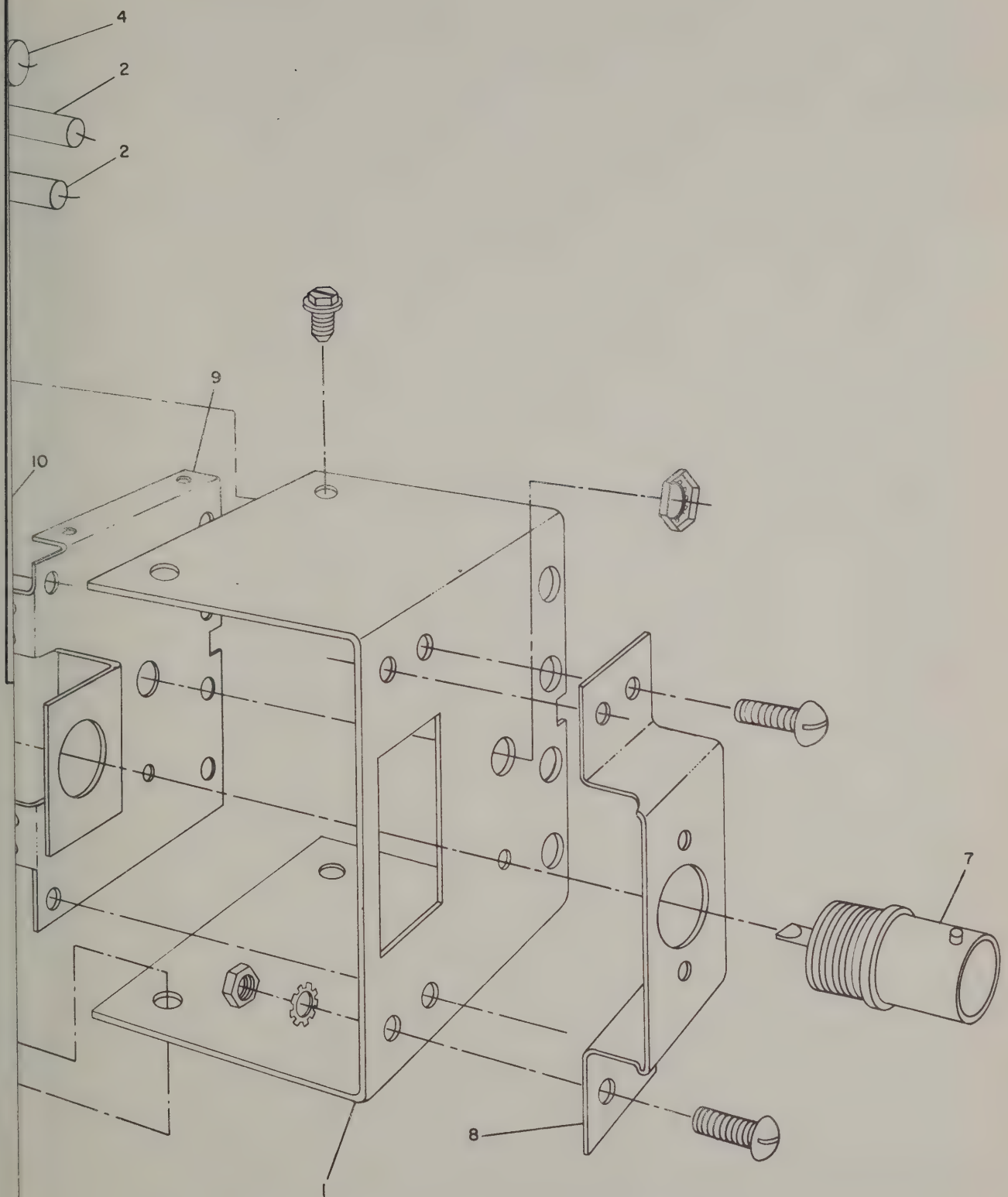


*Figure 13. Output-Attenuator Mixer, Exploded View*

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 13- | | OUTPUT-ATTENUATOR MIXER (See figure 11 item 44 for next higher assy) | Ref | |
| -1 | 56-9772FA1 | SECTION, Shield can | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W19670FA1 | SCREW, Sheet metal, hex, No. 8 x ¼ in. lg | 4 | |
| -2 | RC20BF560K | RESISTOR, Fixed, composition (JAN-R-11) | 5 | |
| -3 | RC20BF471K | RESISTOR, Fixed, composition (JAN-R-11) | 4 | |
| -4 | 29C9A | CAPACITOR, Fixed, ceramic dielectric, 10,000 μμf +80 −20%, 500 V dc working (SPR per PH dwg 30-1238-6) | 1 | |
| -5 | 62-022400011 | CAPACITOR, Fixed, ceramic dielectric, 22 μμf ±10%, 500 V dc working | 1 | |
| -6 | 42-1990 | SWITCH, Rotary | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W29073FA3 | NUT, Sheet spring, No. 8-32 | 1 | |
| -7 | 76-7955 | CONNECTOR, Plug | 1 | |
| 8 | 56-9739FA1 | BRACKET, Jack support | 1 | |
| | | (ATTACHING PARTS) | | |
| | 1W10612FA1 | BOLT, Mach, rd hd, slot drive, No. 6-32 x 5/16 in. lg | 4 | |
| | 1W24256FA1 | WASHER, Lock, external teeth, for No. 6 bolt | 4 | |
| | 1W19986FA1 | NUT, Plain, hex, No. 6-32 | 4 | |
| 9 | 268-6398 | PLATE, Attenuator ground | 1 | |
| 10 | 27-9437 | INSULATOR, Bushing | 1 | |
| | | (ATTACHING PARTS) | | |
| | 5105-25 | RING, Retainer (WKI) | 1 | |
| 11 | 56-9167FA1 | PARTITION | 1 | |
| 12 | RC20BF271K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| 13 | RC20BF102K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 14 | RC20BF224K | RESISTOR, Fixed, composition (JAN-R-11) | 2 | |
| 15 | RC20BF471K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 16 | RC20BF124K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 17 | RC20BF183K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 18 | RC20BF393K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 19 | RC20BF330K | RESISTOR, Fixed, composition (JAN-R-11) | 1 | |
| 20 | 62-215001011 | CAPACITOR, Fixed, ceramic dielectric, 1500 μμf ±20%, 300 V dc working | 2 | |
| 21 | 62-168001021 | CAPACITOR, Fixed, ceramic dielectric, 680 μμf ±20%, 300 V dc working | 3 | |
| 22 | 29C9A | CAPACITOR, Fixed, ceramic dielectric, 10,000 μμf +80 −20%, 500 V dc working (SPR per PH dwg 30-1238-6) | 1 | |
| | 368-5602 | TUBE SECTION RIVET ASSY | 1 | |
| 23 | 27-6203-6 | SOCKET, Electron tube | 1 | |
| 24 | 56-5628-1FA3 | BASE, Shield tube | 1 | |
| 25 | 28-1031FE9 | LUG, Terminal | 2 | |
| 26 | 12W61279 | PANEL ASSY, Terminal | 1 | |
| 27 | 12W29003 | PANEL ASSY, Terminal | 1 | |
| 28 | 12W29001 | PANEL ASSY, Terminal | 1 | |
| 29 | 368-6182 | SECTION, Shield can (symbolized) | 1 | |

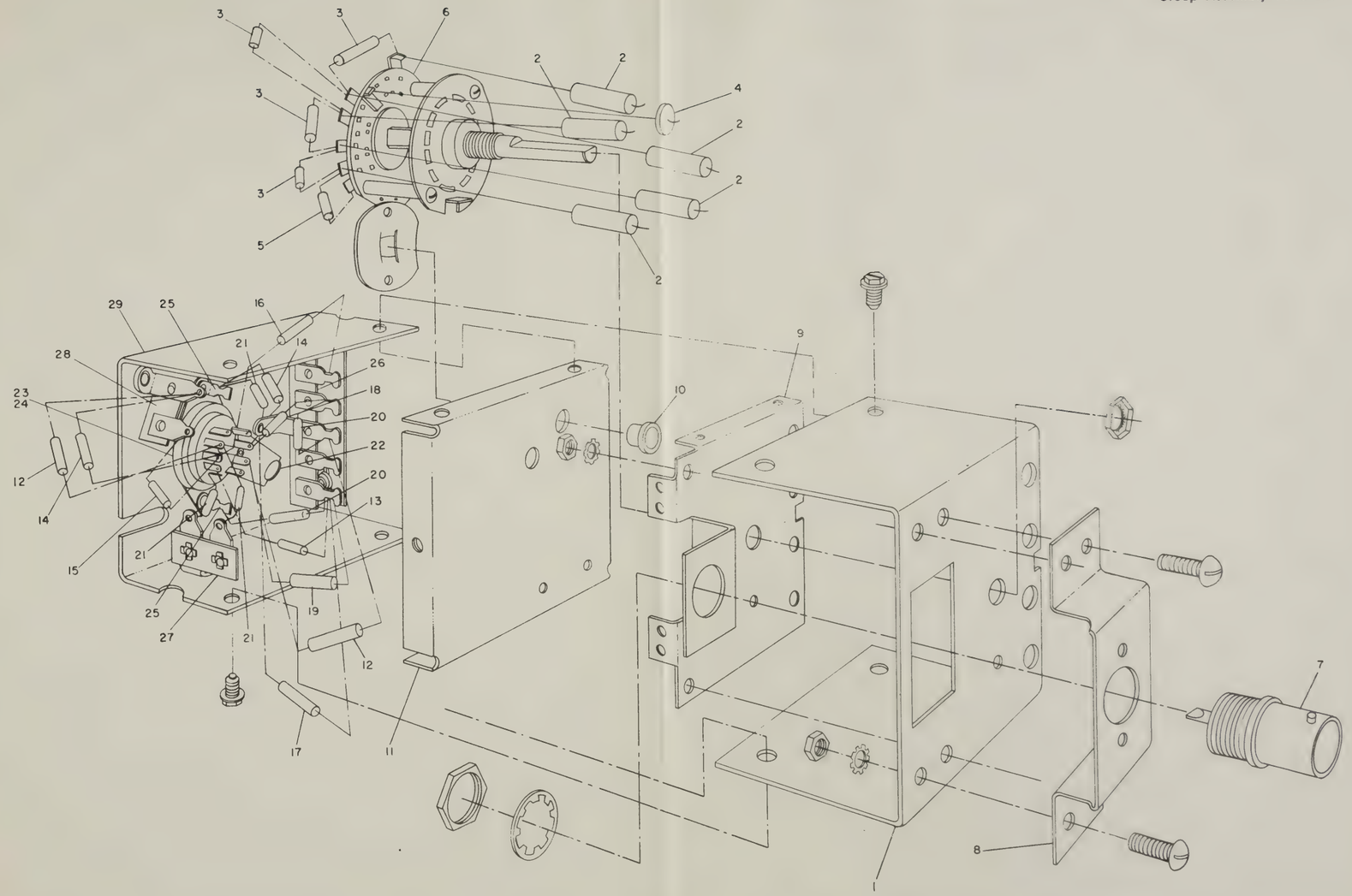


*Figure 13. Output-Attenuator Mixer, Exploded View*

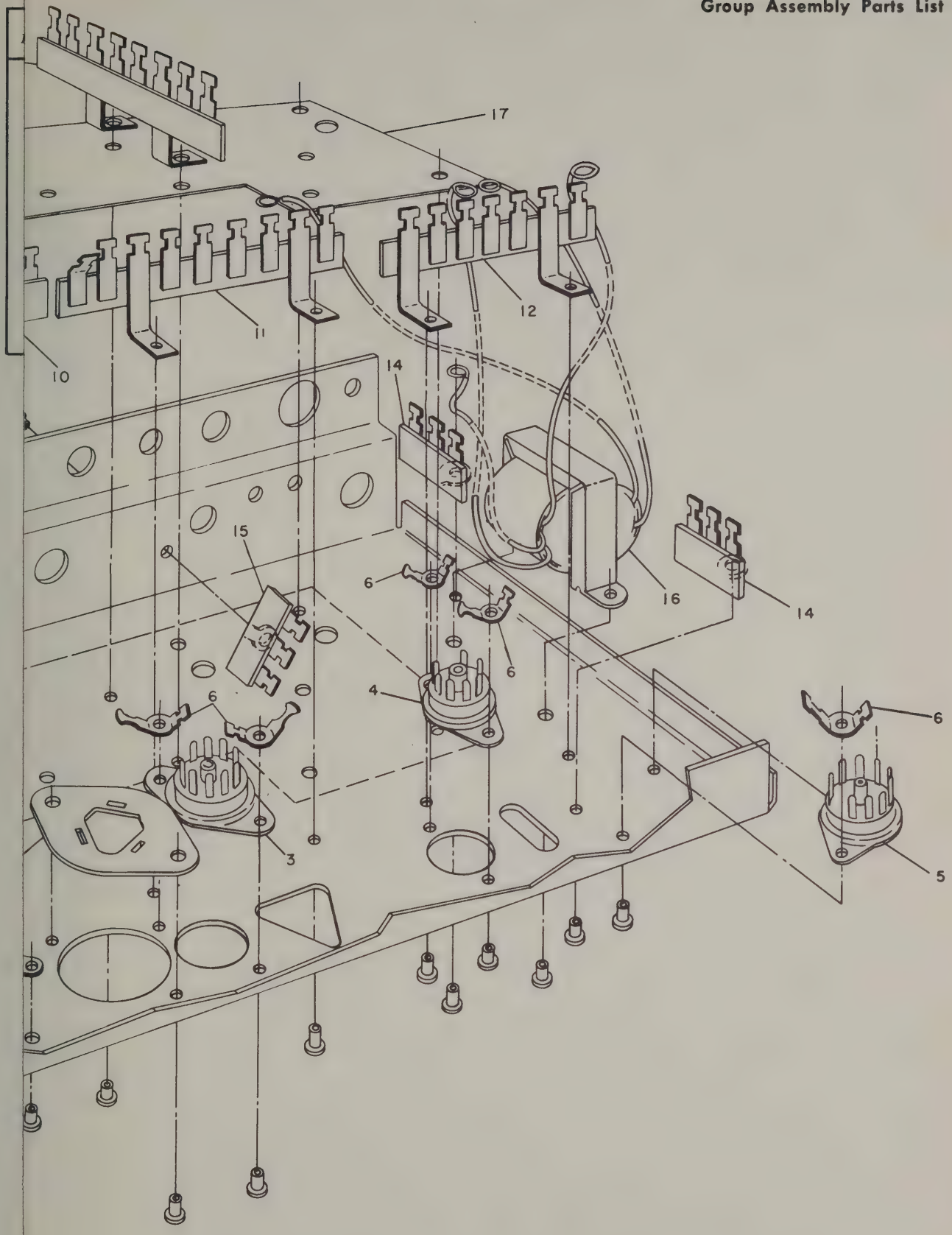


*Figure 14. Subbase Rivet Assembly, Exploded View*

| Fig. and Index No. | Part No. | 1 2 3 4 5 6 7 Description | Units per Assy. | Usable on Code |
|---|---|---|---|---|
| 14– | | SUBBASE RIVET ASSY (See figure 11 item 60 for next higher assy) | Ref | |
| –1 | 27-6207 | SOCKET, Electron tube | 1 | |
| –2 | L1486FE9 | LUG, Terminal | 3 | |
| –3 | 27-6203-6 | SOCKET, Electron tube | 1 | |
| –4 | 27-6203-1 | SOCKET, Electron tube | 1 | |
| –5 | 27-6203-5 | SOCKET, Electron tube | 1 | |
| –6 | 28-1031FE9 | LUG, Terminal | 5 | |
| –7 | 27-9508 | INSULATOR, Plate | 1 | |
| –8 | 12W61255 | PANEL ASSY, Terminal | 1 | |
| –9 | 12W59425 | PANEL ASSY, Terminal | 1 | |
| –10 | 12W61317 | PANEL ASSY, Terminal | 1 | |
| –11 | 12W61341 | PANEL ASSY, Terminal | 1 | |
| –12 | 12W61305 | PANEL ASSY, Terminal | 1 | |
| –13 | 12W59411 | PANEL ASSY, Terminal | 1 | |
| –14 | 12W59347 | PANEL ASSY, Terminal | 3 | |
| –15 | 12W29909 | PANEL ASSY, Terminal | 1 | |
| –16 | 32-8602 | TRANSFORMER, Audio frequency | 1 | |
| –17 | 268-6397 | PLATE, Bottom ground | 1 | |
| 18 | 368-6180 | SUBBASE (symbolized) | 1 | |

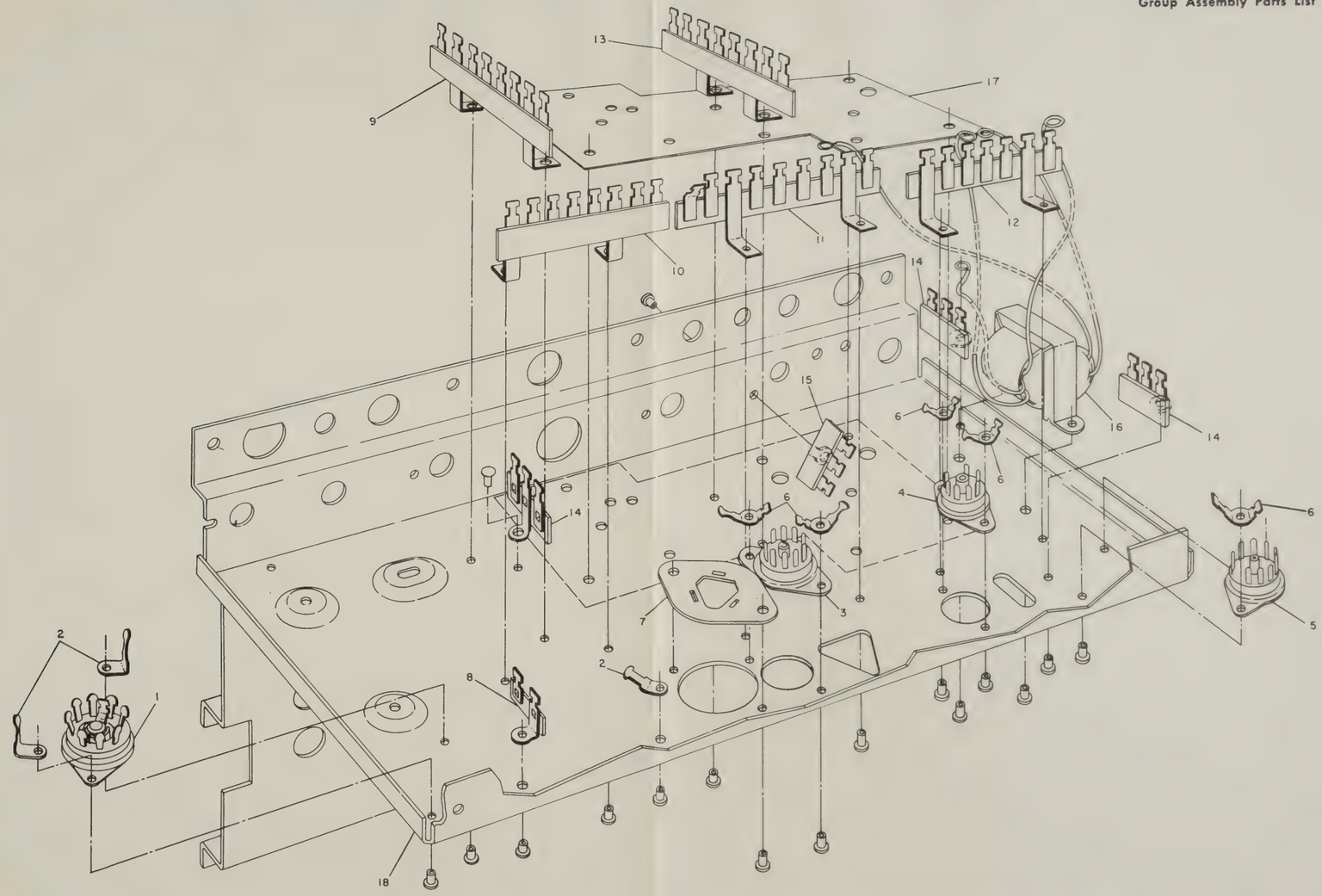


*Figure 14. Subbase Rivet Assembly, Exploded View*

# SECTION III
# NUMERICAL INDEX

| Class Code or Stock No. | Part No. | Source Code | Fig. and Index No. | Qty Per Article |
|---|---|---|---|---|
| | CM15C221K | | 12-17 | 1 |
| | HC-200 | | 3-1 | 6 |
| | HKP | | 5-13 | 2 |
| | L1486-1FE9 | | 4-17 | 3 |
| | L1486FE9 | | 14-2 | 3 |
| | L1773-6FE9 | | 11-50 | 2 |
| | L1907FE9 | | 11-56 | 4 |
| | RC20BF100K | | 9-4 | 1 |
| | RC20BF101K | | 9-5 | 1 |
| | RC20BF102K | | 10-2 | 4 |
| | RC20BF103K | | 9-3 | 9 |
| | RC20BF104K | | 11-11 | 3 |
| | RC20BF105K | | 4-2 | 4 |
| | RC20BF123K | | 9-2 | 2 |
| | RC20BF124K | | 13-16 | 1 |
| | RC20BF183K | | 13-17 | 1 |
| | RC20BF221K | | 10-8 | 1 |
| | RC20BF223K | | 11-14 | 3 |
| | RC20BF224K | | 13-14 | 2 |
| | RC20BF271K | | 13-12 | 2 |
| | RC20BF273K | | 11-13 | 1 |
| | RC20BF274K | | 11-12 | 1 |
| | RC20BF330K | | 13-19 | 1 |
| | RC20BF331K | | 10-3 | 1 |
| | RC20BF332K | | 9-6 | 1 |
| | RC20BF333K | | 12-3 | 1 |
| | RC20BF393K | | 13-18 | 1 |
| | RC20BF471K | | 11-16 | 6 |
| | RC20BF472K | | 11-8 | 2 |
| | RC20BF473K | | 4-3 | 2 |
| | RC20BF560K | | 13-2 | 5 |
| | RC20BF561K | | 12-14 | 1 |
| | RC20BF563K | | 11-18 | 1 |
| | RC20BF682K | | 10-5 | 1 |
| | RC20BF683K | | 11-17 | 1 |
| | RC20BF823K | | 10-7 | 1 |
| | RC42BF183K | | 11-10 | 1 |
| | RC42BF271K | | 11-6 | 1 |
| | S-309-64B | | 5-2 | 2 |
| | UG-625/U | | 4-15 | 2 |
| | UG-88/U | | 4-7 | 1 |
| | W1775-3 | | 9-23 | 7 |
| | 1N34 | | 11-3 | 2 |
| | 1W10557FA1 | | 10-17 | 4 |
| | 1W10580FA3 | | 10-20 | 2 |
| | 1W10583FA3 | | 11-53 | 1 |
| | 1W10610FA3 | | 9-24 | 2 |
| | 1W10612FA1 | | 13-8 | 4 |
| | 1W10741FE29 | | 7-1 | 14 |
| | 1W10765FE29 | | 5-17 | 2 |
| | 1W10816FA1 | | 9-25 | 2 |
| | 1W14464FA22 | | 5-7 | 4 |
| | 1W14525FE29 | | 6-3 | 4 |
| | 1W19670FA1 | | 13-1 | 4 |
| | 1W19828FA1 | | 5-19 | 66 |
| | 1W19978FA1 | | 10-17 | 4 |
| | 1W19982FA1 | | 5-7 | 4 |
| | 1W19982FA3 | | 9-30 | 5 |
| | 1W19982FE29 | | 3-1 | 24 |
| | 1W19986FA1 | | 13-8 | 4 |
| | 1W19988FA1 | | 10-15 | 6 |
| | 1W19988FE29 | | 6-1 | 12 |
| | 1W19990FA3 | | 11-45 | 3 |
| | 1W20506FA1 | | 11-55 | 3 |
| | 1W20519FE29 | | 5-8 | 4 |
| | 1W22708FA1 | | 4-1 | 12 |
| | 1W24254FA1 | | 5-7 | 6 |
| | 1W24254FE6 | | 3-1 | 12 |
| | 1W24256FA1 | | 13-8 | 4 |
| | 1W24257FA1 | | 9-25 | 2 |

| Class Code or Stock No. | Part No. | Source Code | Fig. and Index No. | Qty Per Article |
|---|---|---|---|---|
| | 1W24258FA1 | | 11-45 | 3 |
| | 1W24515FA1 | | 10-15 | 3 |
| | 1W24515FE29 | | 5-8 | 4 |
| | 1W25842FA1 | | 8-2 | 2 |
| | 1W25849FA1 | | 8-3 | 6 |
| | 1W26339FA1 | | 8-14 | 2 |
| | 1W29073FA1 | | 8-16 | 2 |
| | 1W29073FA3 | | 9-31 | 8 |
| | 1W29091FA1 | | 8-11 | 5 |
| | 1W29091FA3 | | 8-8 | 1 |
| | 1W32198FA3 | | 9-16 | 3 |
| | 1W44386FE6 | | 6-1 | 12 |
| | 1W51116FA7 | | 3-1 | 24 |
| | 1W51147FE29 | | 5-6 | 9 |
| | 1W51198FE29 | | 5-8 | 1 |
| | 1W51211FA7 | | 6-1 | 8 |
| | 1W51212FE29 | | 5-8 | 4 |
| | 1W52218FE29 | | 6-3 | 4 |
| | 1W52220FA1 | | 10-15 | 6 |
| | 1W52346FA1 | | 11-57 | 1 |
| | 1W54315 | | 11-55 | 2 |
| | 1W57004FE6 | | 6-4 | 9 |
| | 1W6098FE7 | | 8-6 | 5 |
| | 1W61067FA3 | | 10-20 | 2 |
| | 1104 | | 6-2 | 15 |
| | 1106 | | 9-24 | 2 |
| | 12AU7 | | 5-11 | 1 |
| | 12W29901 | | 13-28 | 1 |
| | 12W29903 | | 13-27 | 1 |
| | 12W29909 | | 14-15 | 1 |
| | 12W29917 | | 10-29 | 1 |
| | 12W29943 | | 10-28 | 1 |
| | 12W59162 | | 4-16 | 1 |
| | 12W59347 | | 14-14 | 3 |
| | 12W59381 | | 9-32 | 1 |
| | 12W59411 | | 14-13 | 1 |
| | 12W59425 | | 14-9 | 1 |
| | 12W61137 | | 10-30 | 1 |
| | 12W61255 | | 14-8 | 1 |
| | 12W61279 | | 12-25 | 2 |
| | 12W61305 | | 14-12 | 1 |
| | 12W61317 | | 14-10 | 1 |
| | 12W61341 | | 14-11 | 1 |
| | 1202 | | 10-17 | 8 |
| | 1212 | | 9-19 | 6 |
| | 190019 | | 8-5 | 2 |
| | 2W10618 | | 9-23 | 7 |
| | 20-241 | | 6-1 | 2 |
| | 2301-14-1 | | 9-21 | 3 |
| | 240 | | 9-16 | 1 |
| | 268-6397 | | 14-17 | 1 |
| | 268-6398 | | 13-9 | 1 |
| | 268-6476 | | 4-12 | 1 |
| | 268-6479-1 | | 2-7 | 1 |
| | 268-6479-2 | | 2-9 | 1 |
| | 268-6480 | | 5-7 | 1 |
| | 268-6490 | | 11-42 | 1 |
| | 268-6781 | | 9-25 | 1 |
| | 27-4109-6 | | 11-53 | 1 |
| | 27-6203-1 | | 14-4 | 1 |
| | 27-6203-5 | | 14-5 | 1 |
| | 27-6203-6 | | 9-33 | 5 |
| | 27-6207 | | 14-1 | 1 |
| | 27-6233-55 | | 8-18 | 1 |
| | 27-9437 | | 11-59 | 3 |
| | 27-9508 | | 14-7 | 1 |
| | 28-1031FE9 | | 9-34 | 13 |
| | 28-9013 | | 4-18 | 1 |
| | 28-9014 | | 4-1 | 1 |
| | 28-9015 | | 4-14 | 1 |

| Class Code or Stock No. | Part No. | Source Code | Fig. and Index No. | Qty Per Article |
|---|---|---|---|---|
| | 28-9016 | | 4-13 | 1 |
| | 28-9243 | | 9-24 | 1 |
| | 29C9A | | 13-4 | 2 |
| | 292-3L | | 5-1 | 9 |
| | 30-1224-103 | | 9-8 | 1 |
| | 30-1224-118 | | 9-13 | 1 |
| | 30-1224-46 | | 9-12 | 2 |
| | 30-1224-78 | | 11-25 | 1 |
| | 30-1224-8 | | 11-24 | 1 |
| | 30-1224-82 | | 12-20 | 1 |
| | 30-1226-26 | | 11-30 | 1 |
| | 30-1238-6 | | 11-31 | 4 |
| | 30-2417-29 | | 11-33 | 2 |
| | 30-2417-30 | | 11-36 | 1 |
| | 30-2568-19 | | 11-35 | 1 |
| | 30-4650-28 | | 9-9 | 1 |
| | 30-4650-34 | | 11-28 | 1 |
| | 30-4650-41 | | 11-27 | 1 |
| | 30-4650-56 | | 11-26 | 2 |
| | 31-6520-2 | | 10-22 | 1 |
| | 31-6520-3 | | 9-23 | 1 |
| | 31-6520-4 | | 9-22 | 5 |
| | 32-4061-3 | | 12-7 | 1 |
| | 32-4247-2 | | 12-8 | 1 |
| | 32-4264-2 | | 9-14 | 5 |
| | 32-4264-4 | | 11-37 | 1 |
| | 32-4264-6 | | 12-21 | 1 |
| | 32-4264-7 | | 10-14 | 2 |
| | 32-4264-8 | | 11-38 | 3 |
| | 32-4564 | | 12-12 | 1 |
| | 32-4564-1 | | 9-19 | 1 |
| | 32-4564-2 | | 9-18 | 1 |
| | 32-4564-3 | | 9-17 | 1 |
| | 32-4564-4 | | 9-26 | 1 |
| | 32-4564-5 | | 9-27 | 1 |
| | 32-4566 | | 12-9 | 1 |
| | 32-4566-1 | | 9-15 | 2 |
| | 32-8581 | | 11-45 | 1 |
| | 32-8602 | | 14-16 | 1 |
| | 32-8613 | | 11-40 | 1 |
| | 33-1335-11 | | 11-5 | 1 |
| | 33-1335-120 | | 11-20 | 1 |
| | 33-1335-22 | | 11-19 | 1 |
| | 33-5546-48 | | 10-21 | 1 |
| | 33-5550-14 | | 11-47 | 1 |
| | 33-5565-47 | | 11-48 | 1 |
| | 33-5565-73 | | 8-16 | 1 |
| | 33-5566-42 | | 11-46 | 1 |
| | 33-5566-54 | | 11-49 | 1 |
| | 34-8025-1 | | 5-15 | 1 |
| | 362-1190 | | 9-29 | 1 |
| | 368-5590 | | 2-10 | 1 |
| | 368-5591 | | 5-24 | 1 |
| | 368-5592 | | 5-23 | 1 |
| | 368-5594 | | 5-8 | 1 |
| | 368-5595 | | 5-6 | 1 |
| | 368-5596 | | 11-60 | 1 |
| | 368-5597 | | 11-43 | 1 |
| | 368-5598 | | 11-44 | 1 |
| | 368-5599 | | 8-22 | 1 |
| | 368-5600 | | 12-2 | 1 |
| | 368-5601 | | 12-26 | 1 |
| | 368-5602 | | 13-29 | 1 |
| | 368-5603 | | 8-19 | 1 |
| | 368-5604 | | 10-33 | 1 |
| | 368-5605 | | 10-15 | 1 |
| | 368-5606 | | 8-12 | 1 |
| | 368-5607 | | 9-37 | 1 |
| | 368-5608 | | 9-31 | 1 |
| | 368-5616 | | 2-1 | 1 |
| | 368-5663 | | 2-2 | 1 |
| | 368-5827 | | 4-6 | 1 |
| | 368-6178 | | 5-20 | 1 |
| | 368-6179 | | 5-21 | 1 |
| | 368-6180 | | 14-18 | 1 |
| | 368-6181 | | 10-33 | 1 |
| | 368-6182 | | 13-29 | 1 |
| | 368-6183 | | 12-26 | 1 |
| | 368-6184 | | 9-36 | 1 |
| | 4M-LW | | 11-51 | 1 |
| | 4W56294 | | 8-7 | 2 |
| | 41-3855-2 | | 5-5 | 1 |
| | 42-1983 | | 12-10 | 1 |
| | 42-1984 | | 9-30 | 1 |
| | 42-1990 | | 13-6 | 1 |
| | 45-1921-1 | | 5-3 | 1 |
| | 45-2656-20 | | 5-14 | 2 |
| | 461-3512 | | 8-18 | 1 |
| | 47 | | 2-5 | 4 |
| | 51 | | 8-1 | 1 |
| | 5105-25 | | 11-59 | 3 |
| | 54-4513-20 | | 4-11 | 1 |
| | 54-5413-23 | | 5-4 | 1 |
| | 54-6001 | | 4-5 | 1 |
| | 54-6004 | | 6-3 | 4 |
| | 54-6029 | | 3-2 | 1 |
| | 54-8427 | | 10-19 | 1 |
| | 54-8432FCP | | 7-2 | 1 |
| | 54-8461 | | 7-1 | 2 |
| | 54-8705 | | 9-31 | 1 |
| | 54-8726 | | 5-22 | 1 |
| | 56-3545-5FA3 | | 8-20 | 1 |
| | 56-5628-1FA3 | | 12-23 | 2 |
| | 56-5629-3FA3 | | 11-1 | 2 |
| | 56-8898 | | 9-20 | 5 |
| | 56-9127FA3 | | 11-41 | 2 |
| | 56-9135FA3 | | 9-37 | 1 |
| | 56-9167FA1 | | 12-11 | 2 |
| | 56-9570 | | 10-18 | 2 |
| | 56-9629 | | 11-54 | 1 |
| | 56-9688 | | 10-32 | 1 |
| | 56-9689 | | 10-23 | 1 |
| | 56-9734FA3 | | 8-10 | 1 |
| | 56-9739FA1 | | 13-8 | 1 |
| | 56-9740 | | 8-11 | 2 |
| | 56-9740-1 | | 8-8 | 1 |
| | 56-9740-2 | | 10-24 | 1 |
| | 56-9740-3 | | 10-25 | 1 |
| | 56-9745-2FA1 | | 8-4 | 1 |
| | 56-9746FA3 | | 8-22 | 1 |
| | 56-9747FA3 | | 8-21 | 1 |
| | 56-9772FA1 | | 13-1 | 1 |
| | 56-9801FA22 | | 10-17 | 2 |
| | 56-9802 | | 10-16 | 1 |
| | 56-9818 | | 6-5 | 1 |
| | 56-9973FA3 | | 12-2 | 1 |
| | 57-1681 | | 9-19 | 6 |
| | 6BJ6 | | 5-12 | 1 |
| | 6BQ7A | | 5-10 | 5 |
| | 60 | | 2-3 | 4 |
| | 60-00475420 | | 10-11 | 1 |
| | 60-10225420 | | 9-10 | 3 |
| | 61-0086-6 | | 11-34 | 1 |
| | 61-0112 | | 11-32 | 1 |
| | 61-0137 | | 11-29 | 2 |
| | 62-012400011 | | 10-12 | 1 |
| | 62-015300221 | | 12-6 | 1 |
| | 62-022300011 | | 11-23 | 1 |
| | 62-022409011 | | 13-5 | 1 |
| | 62-036300221 | | 12-16 | 1 |
| | 62-110009021 | | 12-4 | 1 |
| | 62-110409011 | | 4-4 | 1 |
| | 62-147001011 | | 9-11 | 4 |
| | 62-168001021 | | 13-21 | 3 |
| | 62-215001011 | | 9-7 | 25 |
| | 67-0025-5 | | 10-31 | 1 |
| | 7Z4 | | 5-9 | 1 |
| | 76-6601-3 | | 12-1 | 1 |
| | 76-7498 | | 8-2 | 1 |
| | 76-7599 | | 8-14 | 1 |
| | 76-7682 | | 8-7 | 2 |
| | 76-7683 | | 8-9 | 2 |
| | 76-7684 | | 5-17 | 1 |
| | 76-7684-1 | | 5-16 | 1 |
| | 76-7691 | | 8-6 | 1 |
| | 76-7692 | | 8-3 | 1 |
| | 76-7693 | | 8-13 | 1 |
| | 76-7746 | | 10-15 | 1 |
| | 76-7747 | | 5-18 | 1 |
| | 76-7748 | | 5-19 | 1 |
| | 76-7750 | | 10-20 | 1 |
| | 76-7883 | | 7-3 | 1 |
| | 76-7902-1 | | 6-2 | 6 |
| | 76-7955 | | 13-7 | 1 |
| | 76-7971 | | 2-8 | 1 |
| | 76-8100 | | 2-4 | 1 |
| | 76-8101 | | 2-3 | 1 |
| | 76-8101-1 | | 4-8 | 1 |
| | 76-8102 | | 2-8 | 2 |
| | 76-8163 | | 3-3 | 1 |
| | 8879 | | 11-53 | 1 |
| | 9738-17 | | 11-55 | 3 |

# SECTION IV
# REFERENCE DESIGNATION INDEX

| *Reference Designation* | *Figure Index* | *Class Code or Stock No.* | *Part No.* |
|---|---|---|---|
| C1 | 9-10 | | 60-10225420 |
| C2 | 9-11 | | 62-147001011 |
| C3 | 9-7 | | 62-215001011 |
| C4 | 9-10 | | 60-10225420 |
| C5 | 9-8 | | 30-1224-103 |
| C6 | 9-11 | | 62-147001011 |
| C7 | 9-9 | | 30-4650-28 |
| C8 | 9-23 | | 31-6520-3 |
| C10 | 9-22 | | 31-6520-4 |
| C11 | 9-22 | | 31-6520-4 |
| C12 | 9-22 | | 31-6520-4 |
| C13 | 9-22 | | 31-6520-4 |
| C14 | 9-22 | | 31-6520-4 |
| C15 | 9-16 | | 240 |
| C16 | 11-31 | | 30-1238-6 |
| C17 | 11-24 | | 30-1224-8 |
| C18 | 11-23 | | 62-022300011 |
| C19 | 11-31 | | 30-1238-6 |
| C20 | 11-22 | | 62-147001011 |
| C21 | 11-21 | | 62-215001011 |
| C22 | 11-26 | | 30-4650-56 |
| C23 | 11-30 | | 30-1226-26 |
| C24 | 11-29 | | 61-0137 |
| C25 | 11-29 | | 61-0137 |
| C26 | 11-32 | | 61-0112 |
| C27 | 11-28 | | 30-4650-34 |
| C28 | 11-31 | | 30-1238-6 |
| C29 | 11-34 | | 61-0086-6 |
| C30 | 11-25 | | 30-1224-78 |
| C31 | 11-31 | | 30-1238-6 |
| C32 | 11-21 | | 62-215001011 |
| C33 | 11-21 | | 62-215001011 |
| C34 | 11-21 | | 62-215001011 |
| C35 | 11-33 | | 30-2417-29 |
| C36 | 11-21 | | 62-215001011 |
| C37 | 11-21 | | 62-215001011 |
| C38 | 11-27 | | 30-4650-41 |
| C39 | 11-21 | | 62-215001011 |
| C40 | 11-21 | | 62-215001011 |
| C41 | 11-33 | | 30-2417-29 |
| C43 | 11-36 | | 30-2417-30 |
| C44 | 11-35 | | 30-2568-19 |
| C45 | 11-26 | | 30-4650-56 |
| C46 | 11-21 | | 62-215001011 |
| C47 | 11-21 | | 62-215001011 |
| C48A | 10-16 | | 56-9802 |
| C48B | 10-17 | | 56-9801FA22 |
| C49 | 10-9 | | 62-215001011 |
| C50 | 10-10 | | 60-10225420 |
| C51 | 10-11 | | 60-00475420 |
| C52 | 10-9 | | 62-215001011 |
| C53 | 10-9 | | 62-215001011 |
| C54 | 10-22 | | 31-6520-2 |
| C55 | 10-9 | | 62-215001011 |
| C56 | 10-9 | | 62-215001011 |
| C57 | 10-12 | | 62-012400011 |
| C58 | 10-9 | | 62-215001011 |
| C59 | 10-9 | | 62-215001011 |
| C60 | 12-4 | | 62-110009021 |
| C61 | 12-16 | | 62-036300221 |
| C62 | 12-17 | | CM15C221K |
| C63 | 12-17 | | CM15C221K |
| C64 | 12-5 | | 62-215001011 |
| C65 | 12-5 | | 62-215001011 |
| C66 | 12-19 | | 62-147001011 |
| C67 | 12-18 | | 62-215001011 |
| C68 | 12-20 | | 30-1224-82 |
| C69 | 12-18 | | 62-215001011 |
| C70 | 12-6 | | 62-015300221 |
| C71 | 12-5 | | 62-215001011 |
| C72 | 13-4 | | 29C9A |
| C73 | 13-5 | | 62-022409011 |

| *Reference Designation* | *Figure Index* | *Class Code or Stock No.* | *Part No.* |
|---|---|---|---|
| C75 | 13-20 | | 62-215001011 |
| C76 | 13-21 | | 62-168001021 |
| C77 | 13-22 | | 29C9A |
| C78 | 13-20 | | 62-215001011 |
| C79 | 13-21 | | 62-168001021 |
| C80 | 13-21 | | 62-168001021 |
| C81 | 9-12 | | 30-1224-46 |
| C82 | 9-13 | | 30-1224-118 |
| C83 | 9-12 | | 30-1224-46 |
| C201 | 4-4 | | 62-110409011 |
| CR1 | 11-3 | | 1N34 |
| CR2 | 11-3 | | 1N34 |
| CR201 | 4-5 | | 54-6001 |
| F1 | 5-14 | | 45-2656-20 |
| I1 | 8-1 | | 51 |
| J1 | 11-57 | | 9738-17 |
| J2 | 11-55 | | 9738-17 |
| J3 | 13-7 | | 76-7955 |
| J4 | 11-52 | | UG-625/U |
| J5 | 11-55 | | 9738-17 |
| J201 | 4-15 | | UG-625/U |
| L1 | 9-15 | | 32-4566-1 |
| L2 | 9-15 | | 32-4566-1 |
| L3 | 9-14 | | 32-4264-2 |
| L4 | 9-29 | | 362-1190 |
| L5 | 9-26 | | 32-4564-4 |
| L6 | 9-27 | | 32-4564-5 |
| L7 | 9-19 | | 32-4564-1 |
| L8 | 9-18 | | 32-4564-2 |
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